Numbers to 10
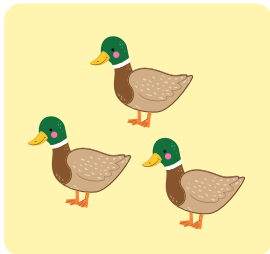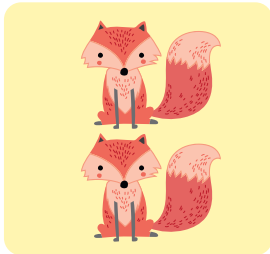
EXERCISE 1

Date: _____

Count the animals. Then, draw lines to match them with the correct answers.

5		three
3		one
4		two
1		five
2		four

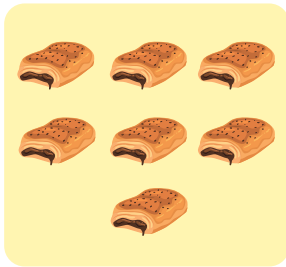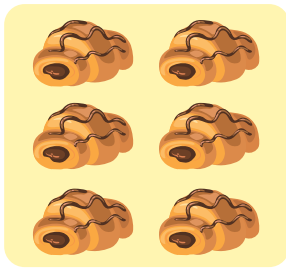Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Count the objects. Then, draw lines to match them with the correct answers.

8

6

9

10

7

seven

eight

six

ten

nine
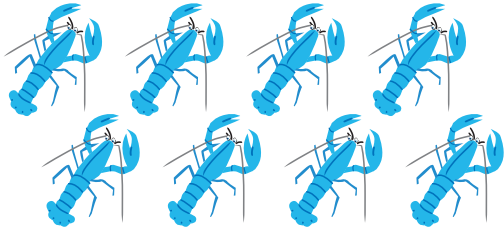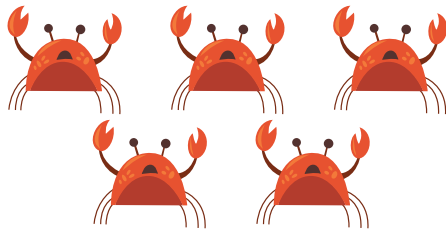
Date: _____

Count and circle the correct answers.
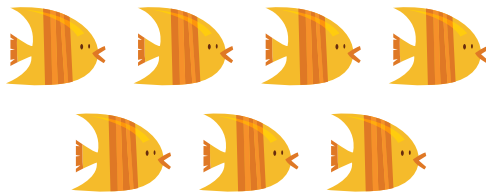
(eight)	nine	ten
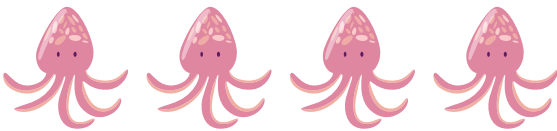
three	four	(five)
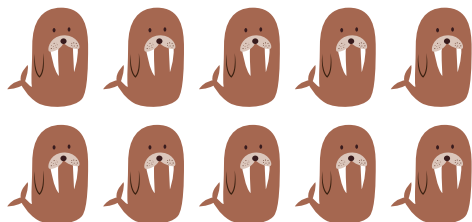
four	(three)	two
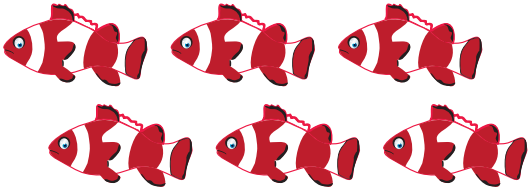
six	eight	(seven)
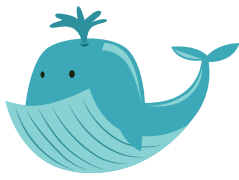
five	(four)	two

(ten)	nine	eight

three	four	(six)

two	(one)	ten

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.
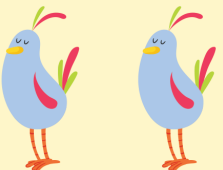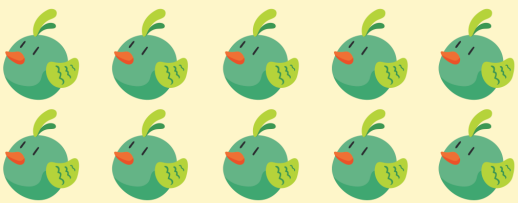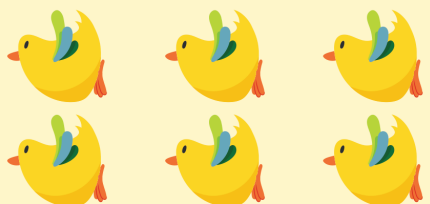
Date: _____

Count. Then, write the correct answers in numerals and in words.

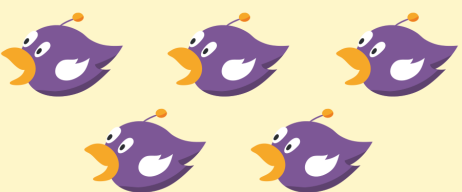|	
4	four

8	eight

2	two

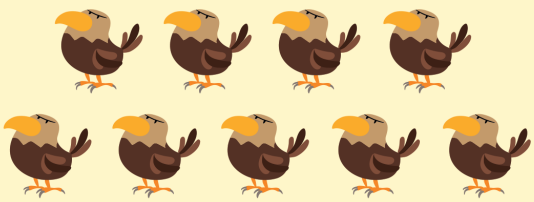|	
10	ten

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

6	six

1	one

3	three

5	five

7	seven

9	nine

Date: _____

Circle the correct number of plants to match the number.

6
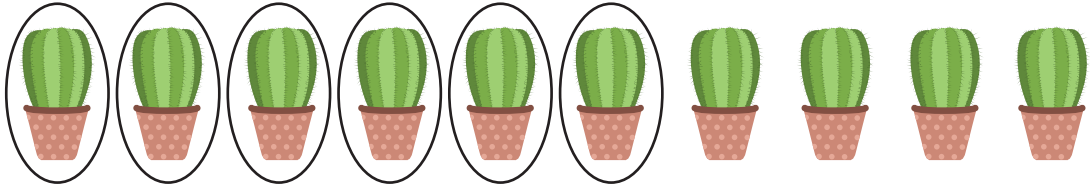
4
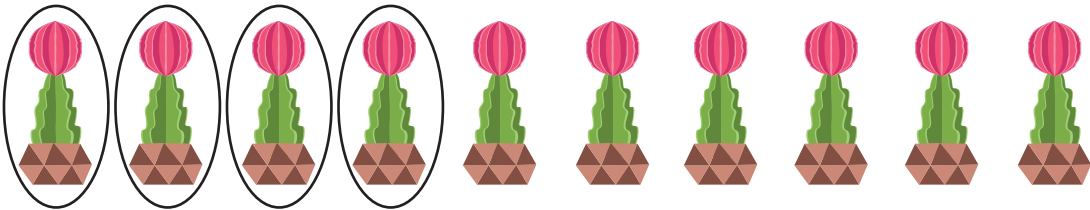
8
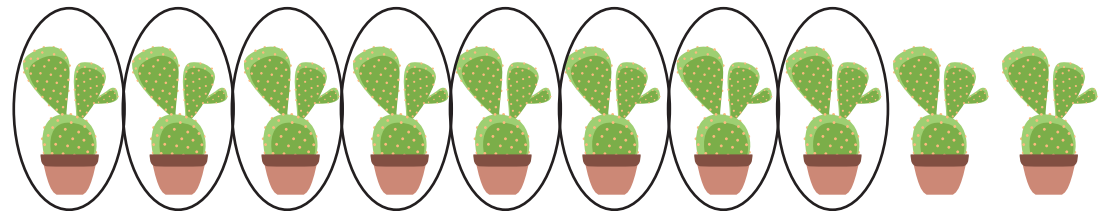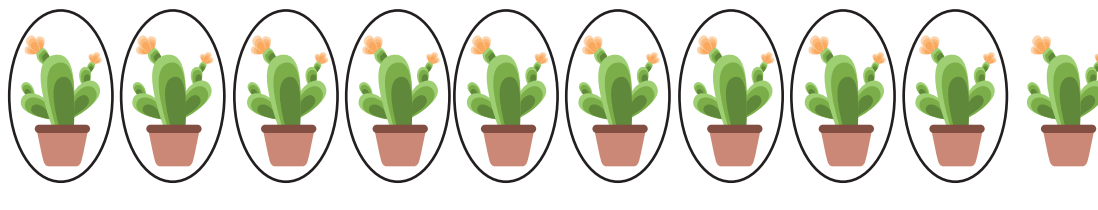
10
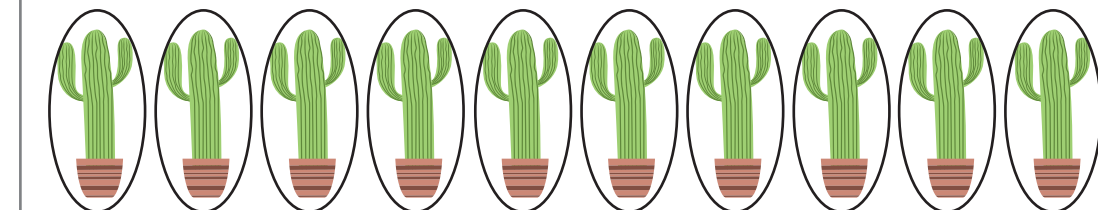
9

EXERCISE 6

Count. Then, tick (✓) the groups that have the same number.
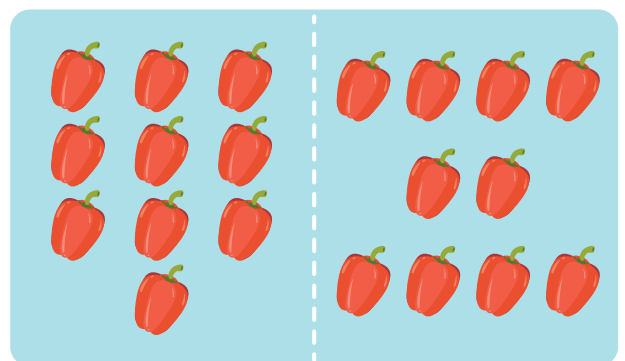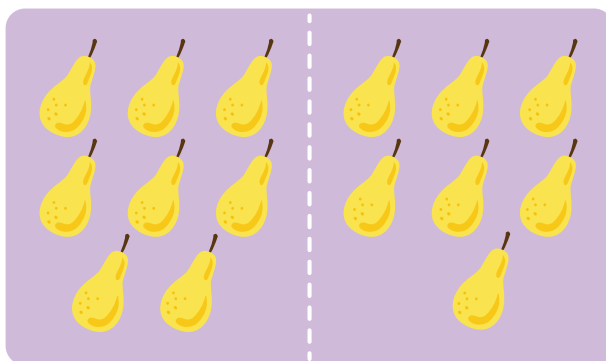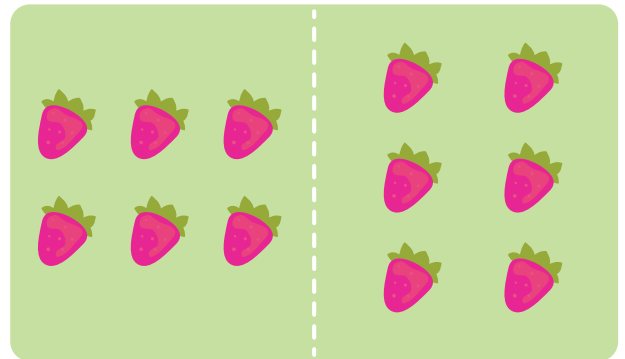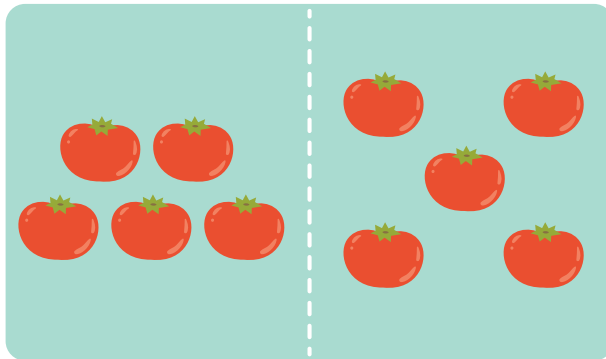
✓

☐

✓

✓

☐

✓

Date: _____

Count each group of objects below. Then, circle the group that has the least objects.
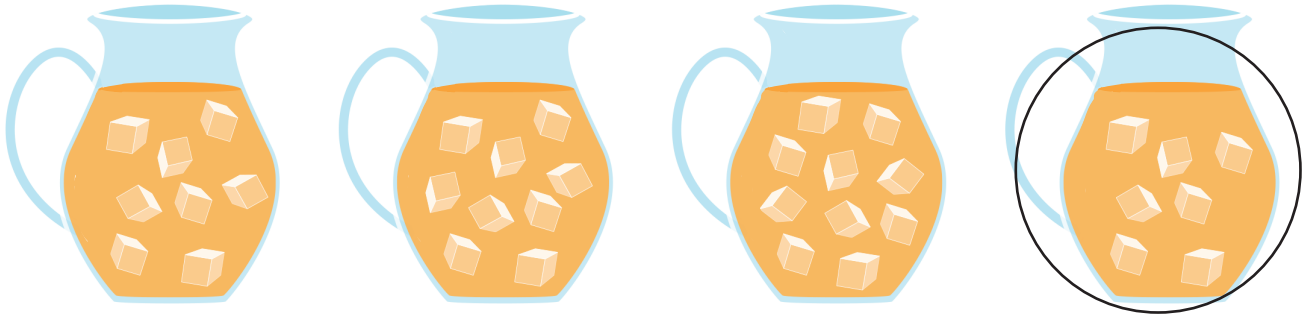
Self-Assessment ✓

🦁 ○ I've got it !

🦁 ○ I need more practice.

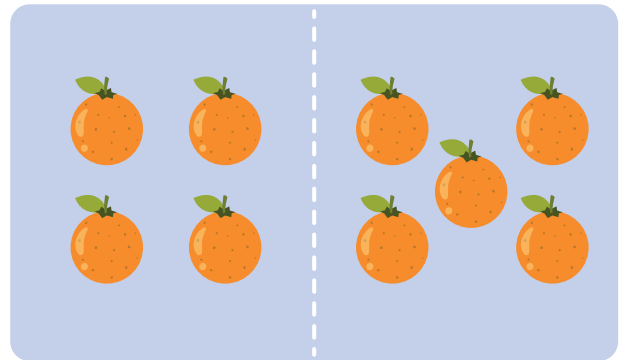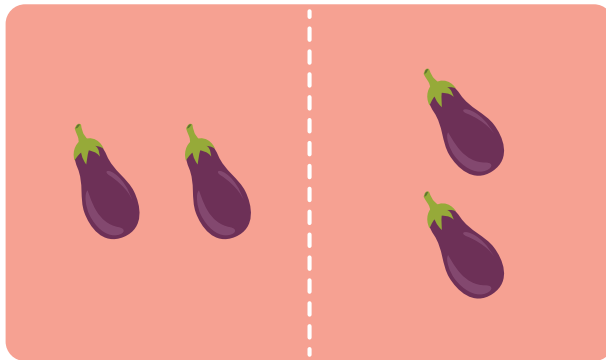🦁 ○ I'm confused.

EXERCISE 8

Count the objects on each card and write the number in the box. Then, colour the card in each group with the greatest number.

4   3   4   6

5   6   8   7

4   5   3   7   6   8
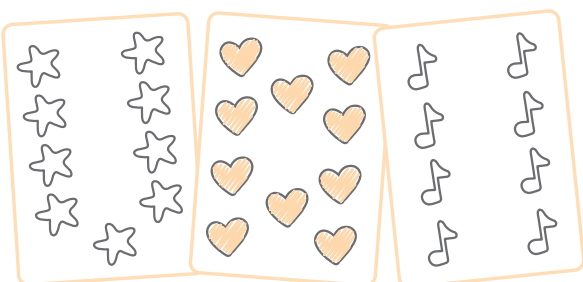
9   10   8   8   6   9
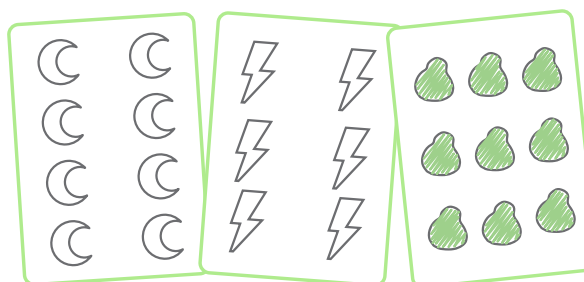
Match one to one. Then, circle the correct answer.
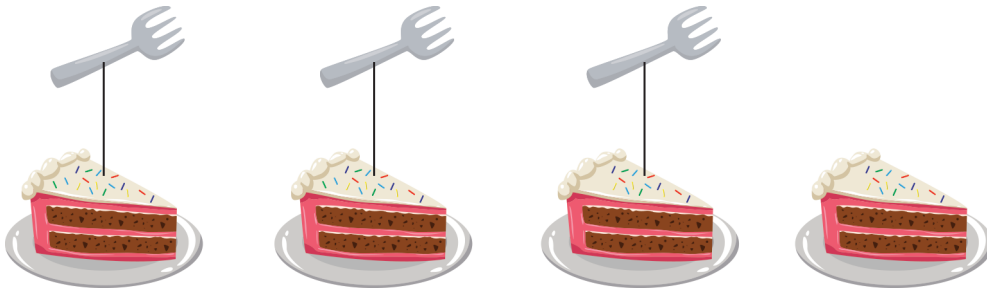
There are (more / (fewer)) 🍴 than 🍰 .
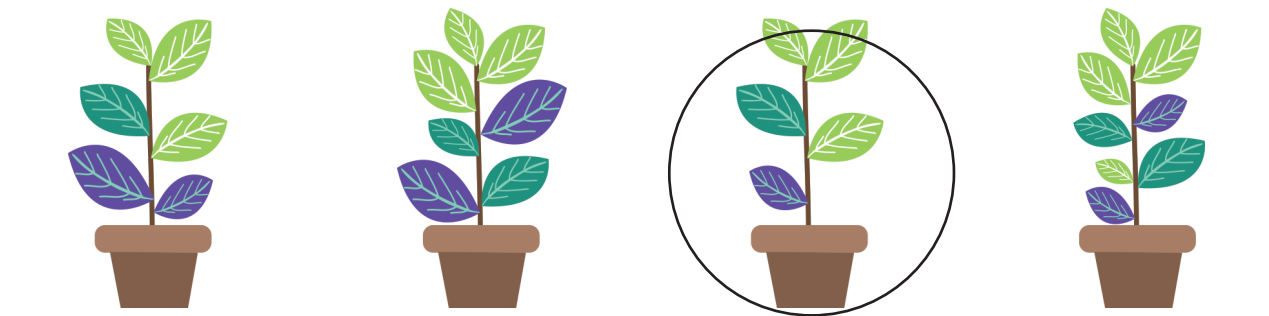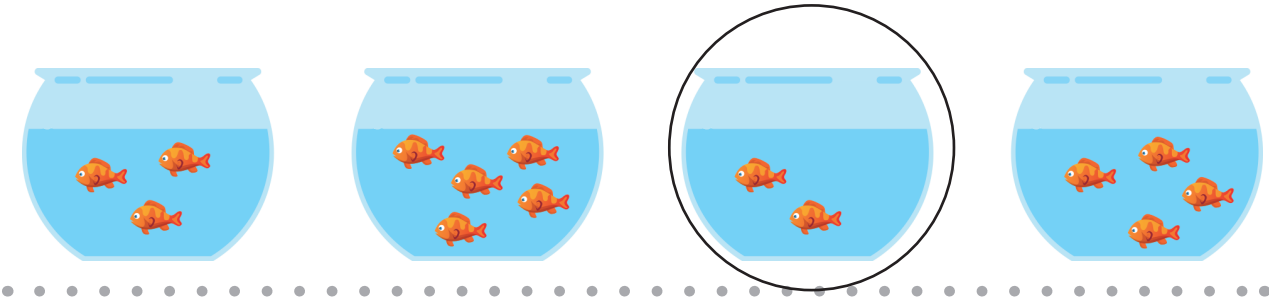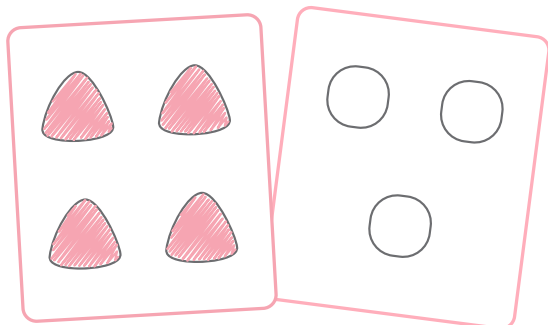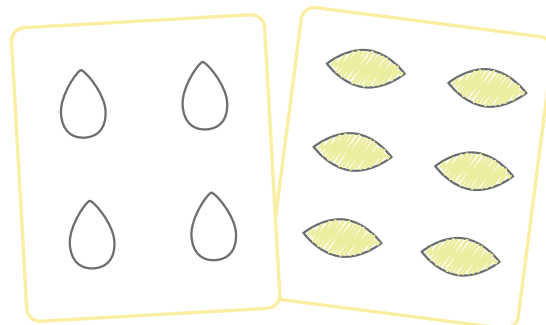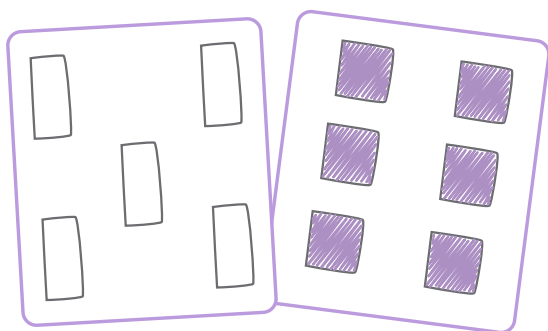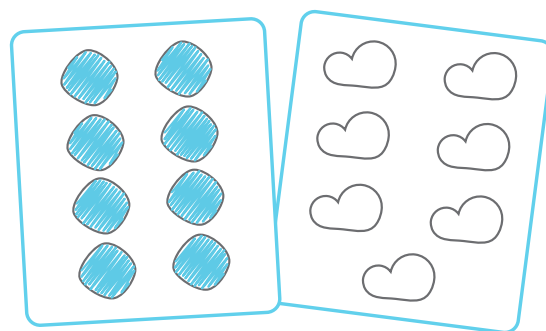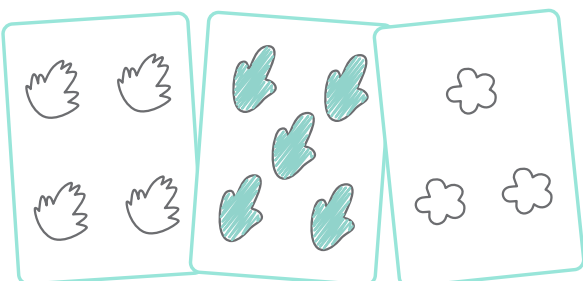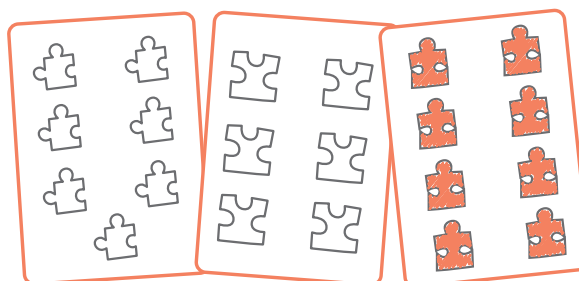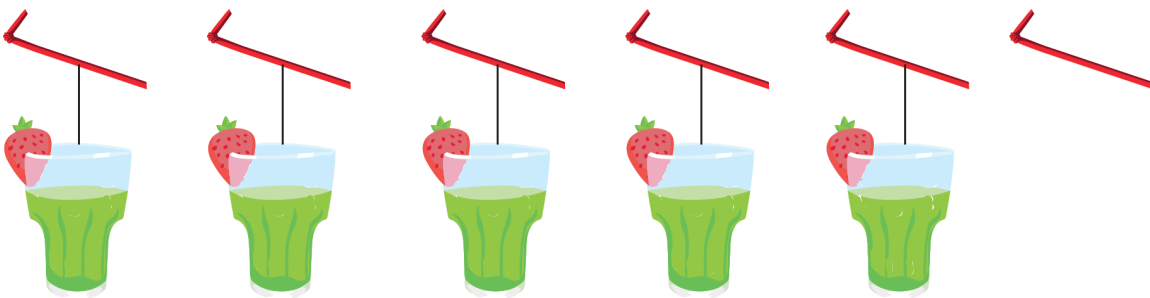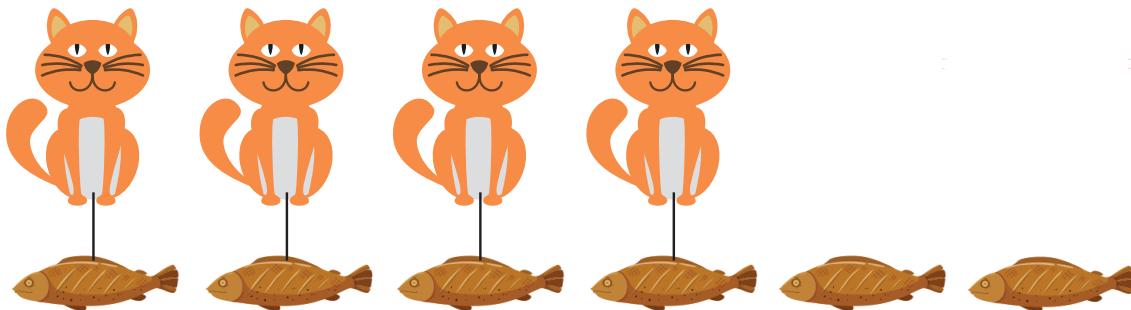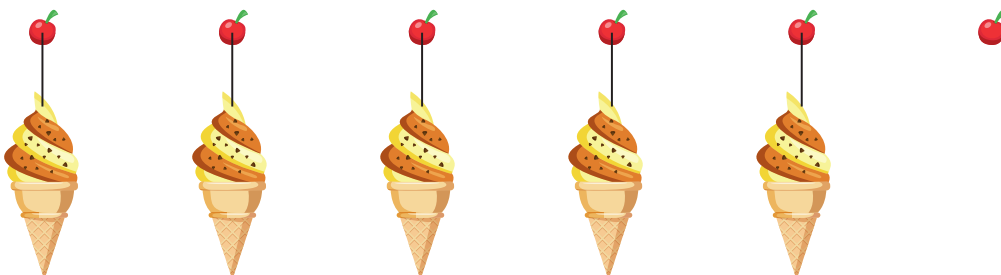
There are ((more) / fewer) 🥤 than 🥤 .

Self-Assessment ☑

○ I've got it !

○ I need more practice.

○ I'm confused.

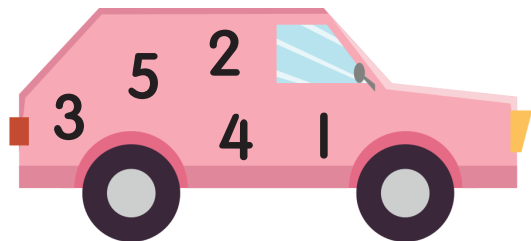There are (more / (fewer)) 🐱 than 🐟 .

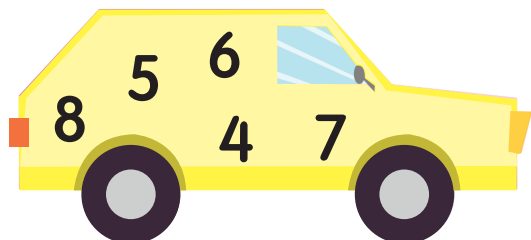There are ((more) / fewer) 🍒 than 🍦 .

Date: _____

Arrange the numbers in the correct order. Start with the smallest number.

smallest

1	2	3	4	5

4	5	6	7	8

6	7	8	9	10

Arrange the numbers in the correct order. Start with the greatest number.

greatest

6	5	4	3	2

9	8	7	6	5
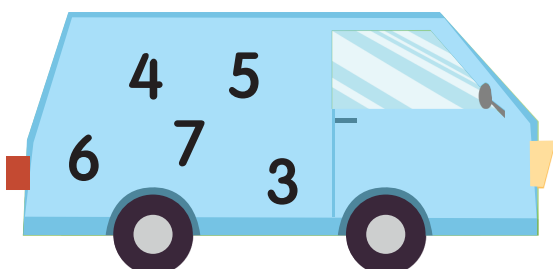
7	6	5	4	3

Date: _____

Fill in the blanks to complete the number patterns.

1 2 3 4 5

4 5 6 7 8

7 6 5 4 3

10 9 8 7 6

2 4 6 8 10

9 7 5 3 1

Date: _____

(a) Complete the number pattern below.

| six | seven | eight | nine | ten |

(b) Cross out the smallest number.

6   3   9   ~~2~~   7

(c) Circle the greatest number.

5   4   7   (9)   8

(d) Arrange the numbers below, starting from the smallest number.

4 2 10 8 6

| 2 | 4 | 6 | 8 | 10 |
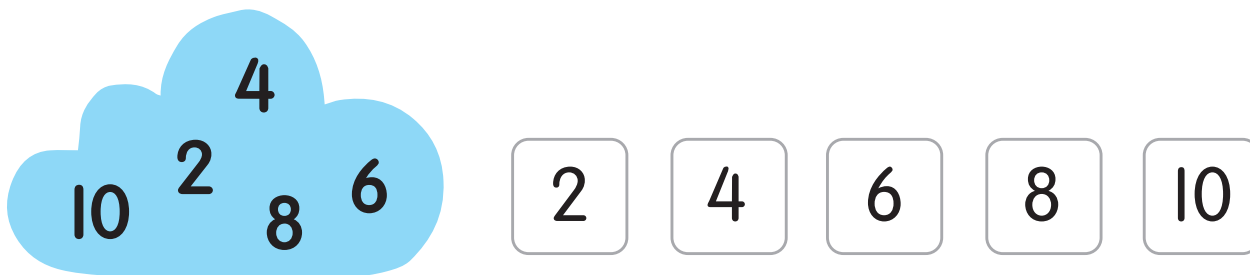
(e) Circle the numbers that are greater than 3 but less than 7.

2   (4)   8   9   (6)   (5)
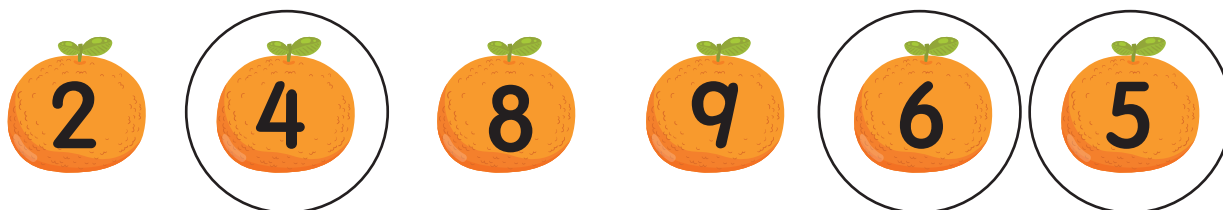
(f) Fill in the blanks with the missing numbers.

| 9 | 8 | 7 | 6 | 5 | 4 |

Number Bonds

Date: _____

Fill in the blanks to complete the number bonds.

5 — 4, 1

5 — 3, 2

4 — 1, 3

6 — 3, 3

6 — 2, 4
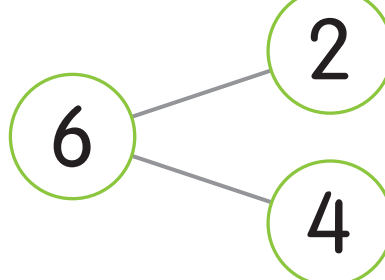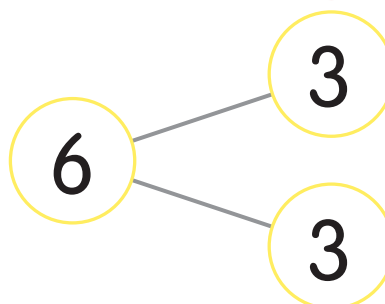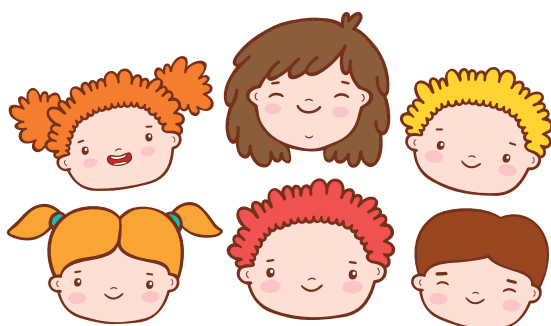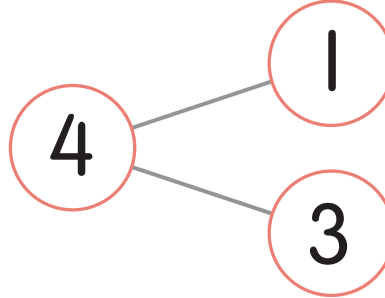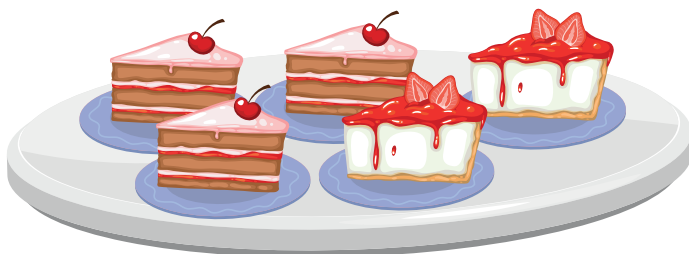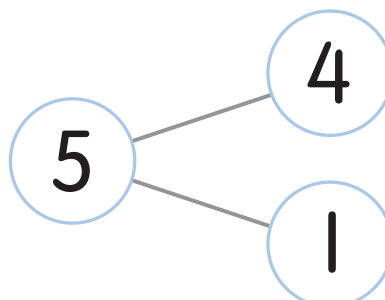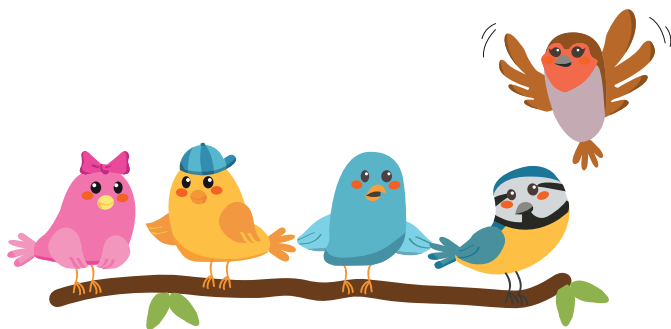
Self-Assessment ✓

I've got it!

I need more practice.

I'm confused.

EXERCISE 2
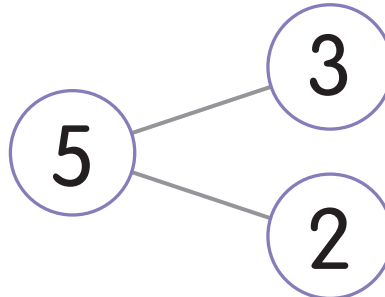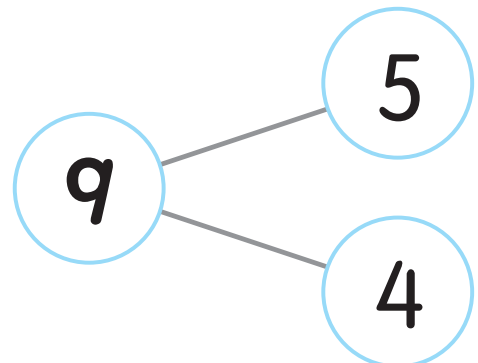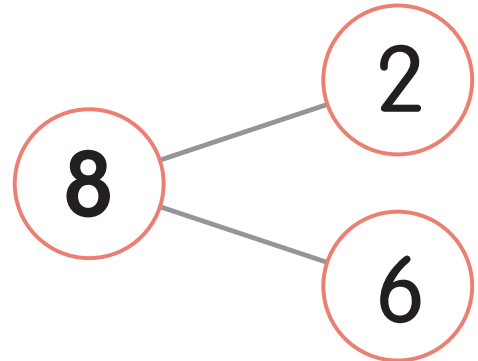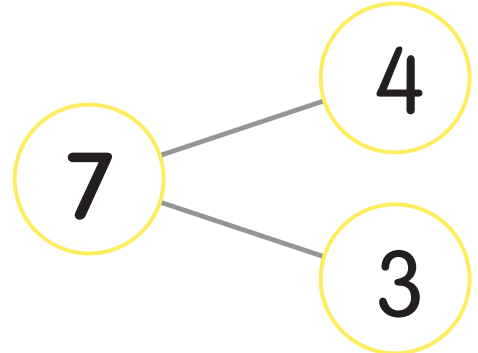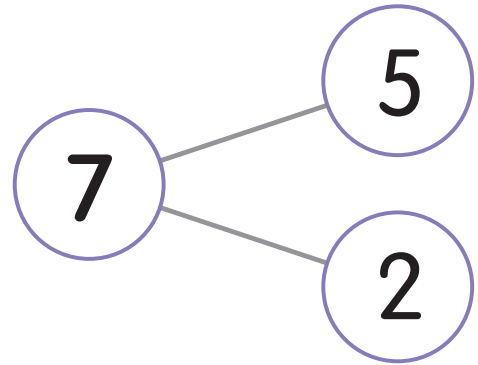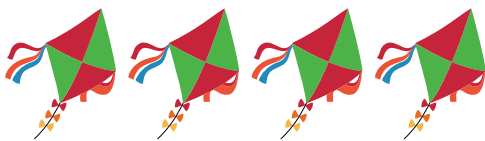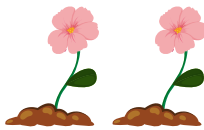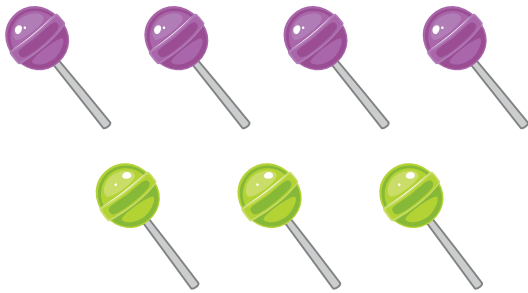
Fill in the blanks to complete the number bonds.

7 — 5
7 — 2

7 — 4
7 — 3

8 — 2
8 — 6

8 — 4
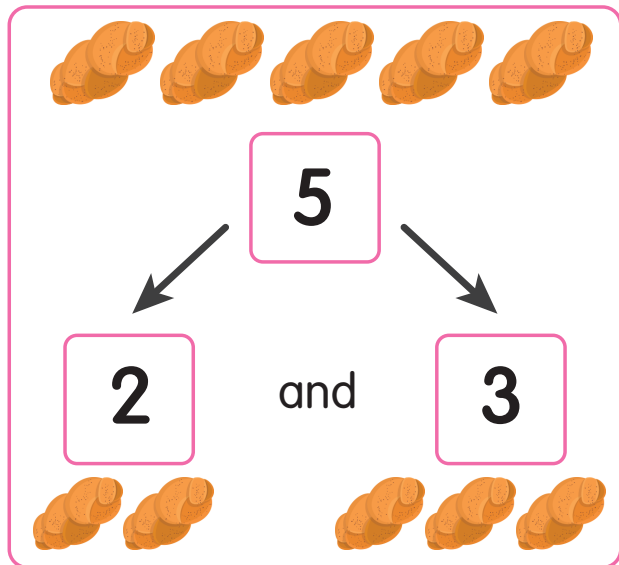8 — 4

9 — 5
9 — 4

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Fill in the blanks to complete the number bonds.

2

1 and 1

4

2 and 2

5

4 and 1

5

2 and 3

6

4 and 2

6

3 and 3
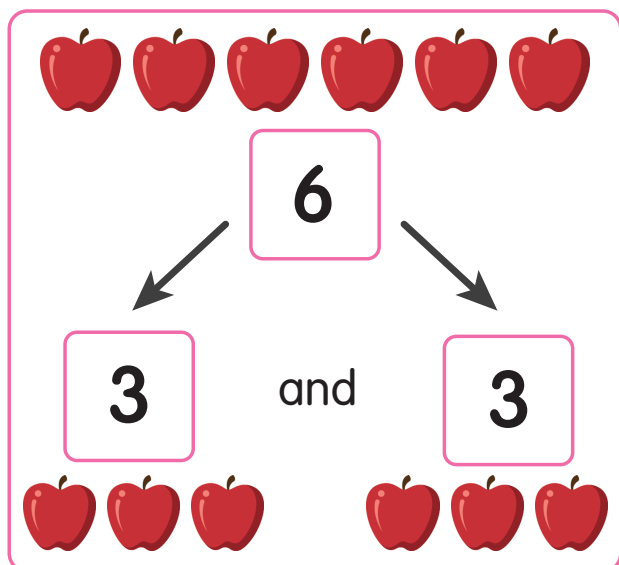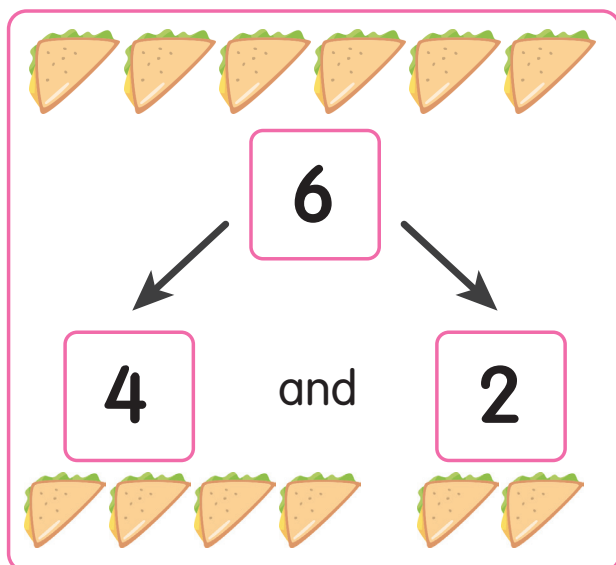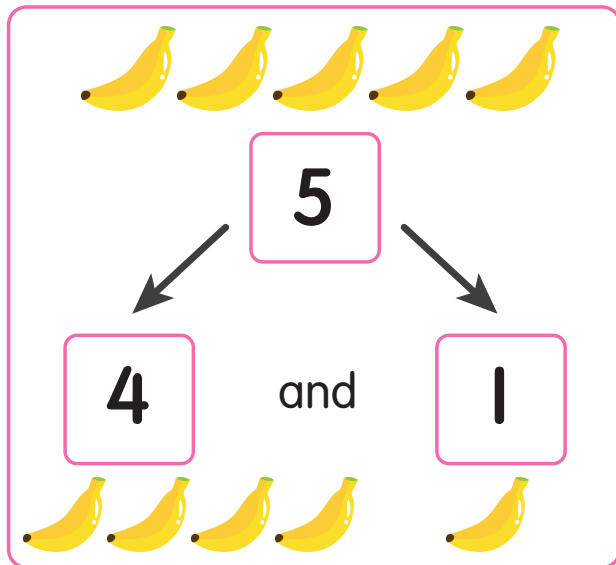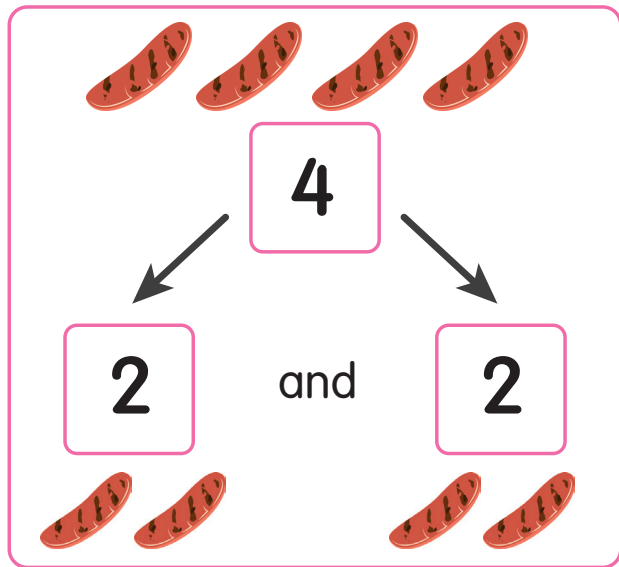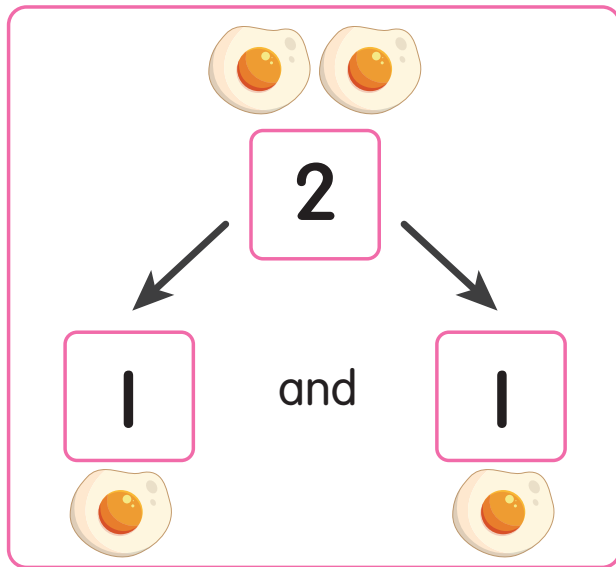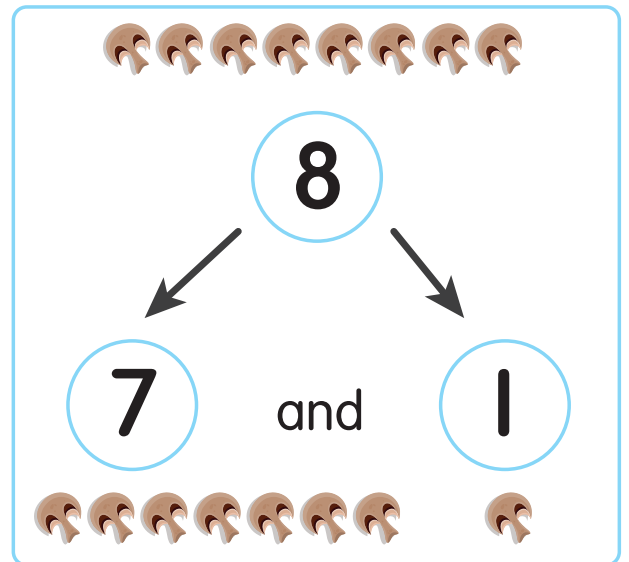
EXERCISE 4

Date: _____

Fill in the blanks to complete the number bonds.
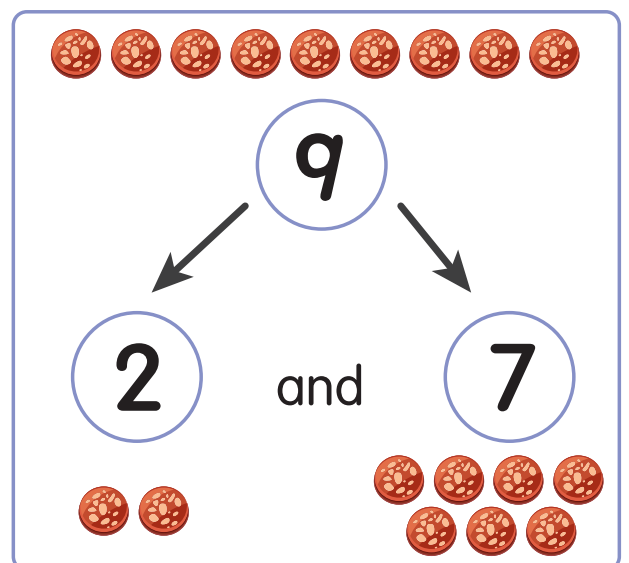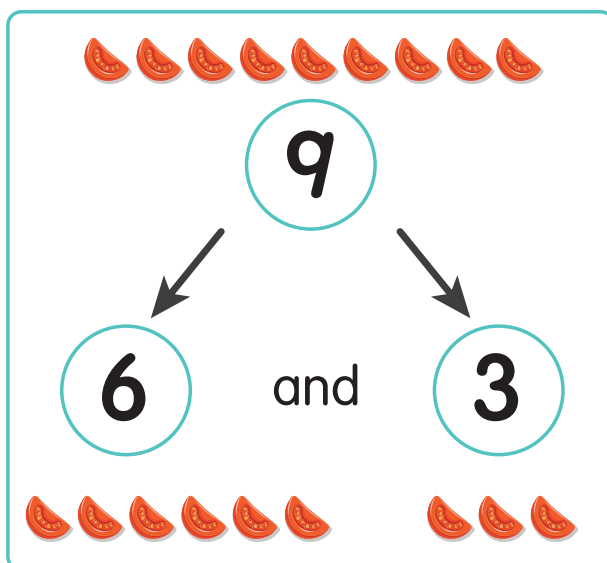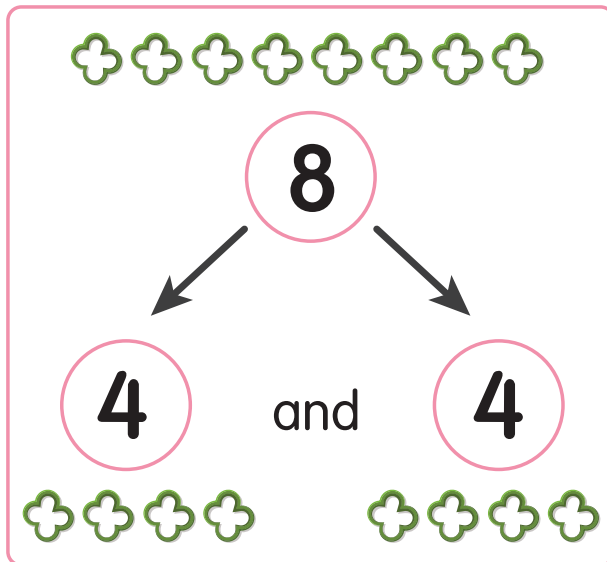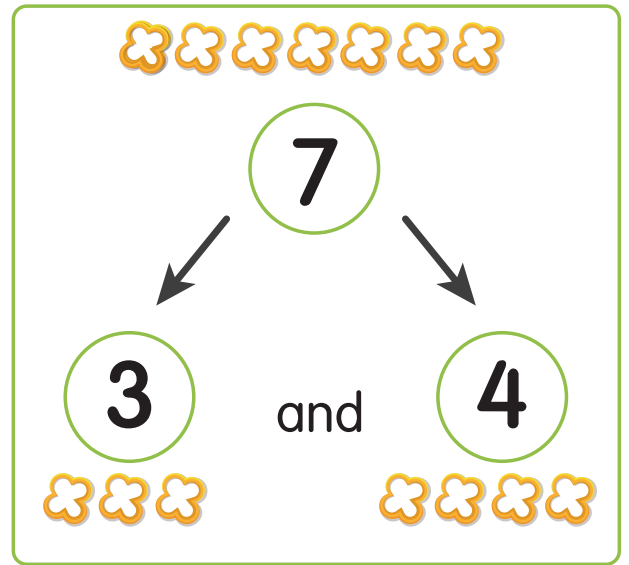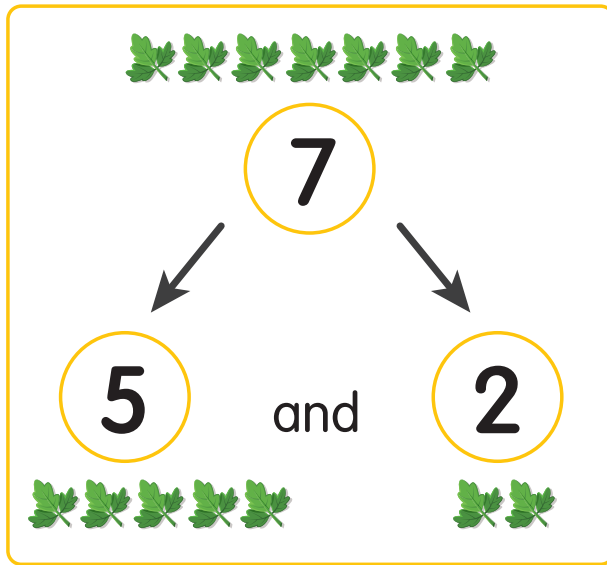
7
5 and 2

7
3 and 4

8
4 and 4

8
7 and 1

9
6 and 3

9
2 and 7

Complete the number bonds. Then, write the correct numbers on the lines.

2
1 **3**

_2_ and _1_ make _3_.

2
2 **4**

_2_ and _2_ make _4_.

4
1 **5**

_4_ and _1_ make _5_.

3
3 **6**

_3_ and _3_ make _6_.

5
2 **7**

_5_ and _2_ make _7_.

4
4 **8**

_4_ and _4_ make _8_.

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

EXERCISE 6

Complete the number bonds. Then, write the correct numbers on the lines.

5
2
7

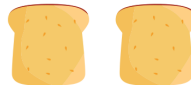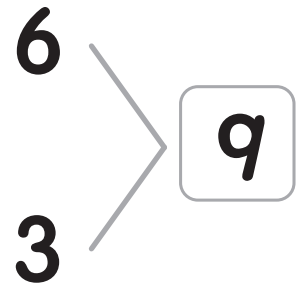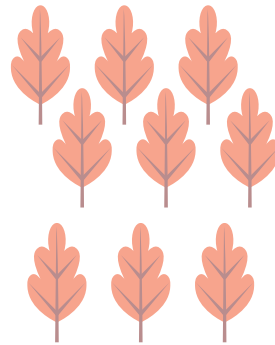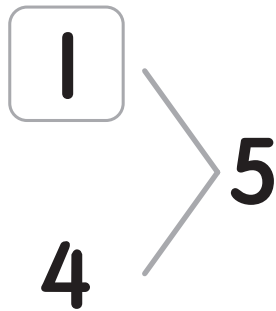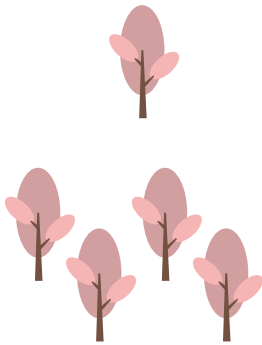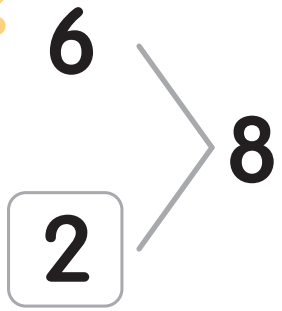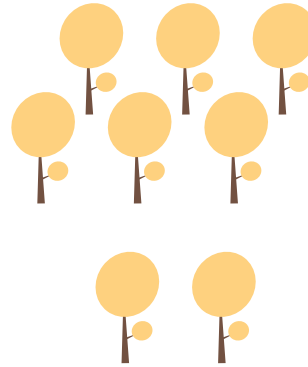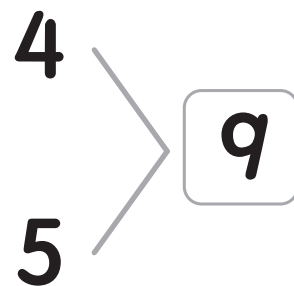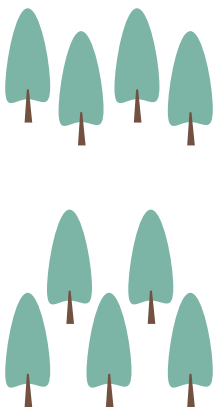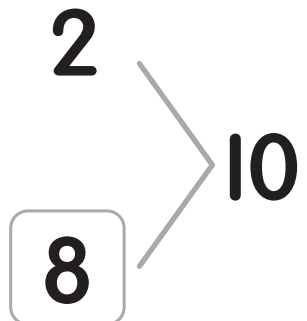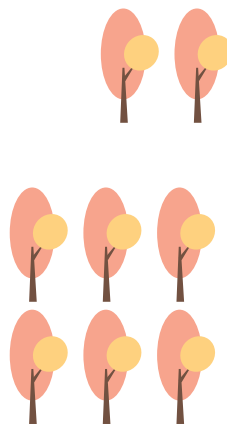__5__ and __2__ make __7__.

6
3
9

__6__ and __3__ make __9__.

1
4
5

__1__ and __4__ make __5__.

6
2
8

__6__ and __2__ make __8__.

4
5
9

__4__ and __5__ make __9__.

2
8
10

__2__ and __8__ make __10__.

Complete the number bonds. Then, write the correct numbers on the lines.

6 < 4 / 2

__6__ is __4__ and __2__.

7 < 4 / 3

__7__ is __4__ and __3__.

8 < 3 / 5

__8__ is __3__ and __5__.

8 < 4 / 4

__8__ is __4__ and __4__.

9 < 2 / 7

__9__ is __2__ and __7__.

9 < 6 / 3

__9__ is __6__ and __3__.

Self-Assessment ✔
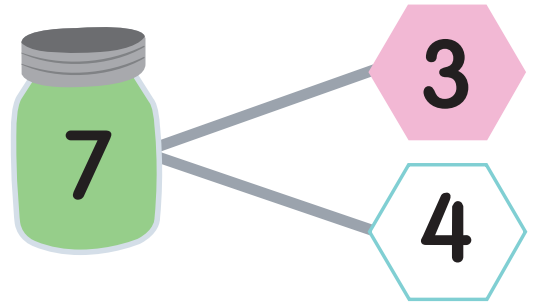
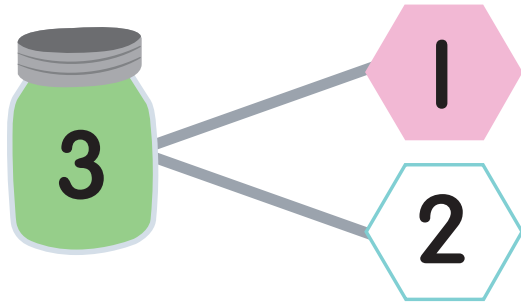I've got it !

I need more practice.

I'm confused.

EXERCISE 8

Date: _____

Fill in the missing number in each box to complete the number bonds.
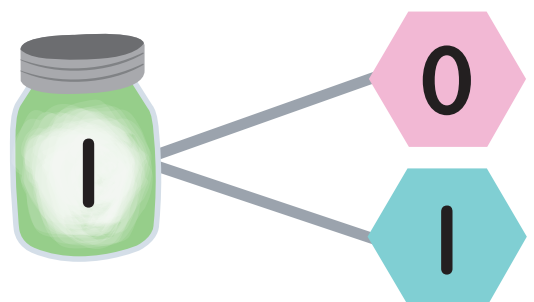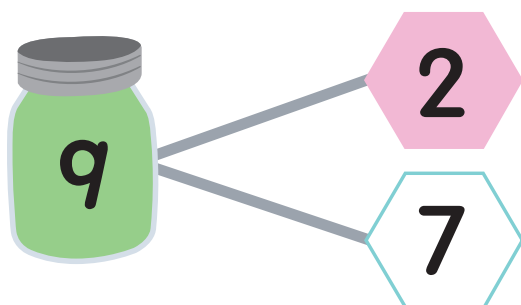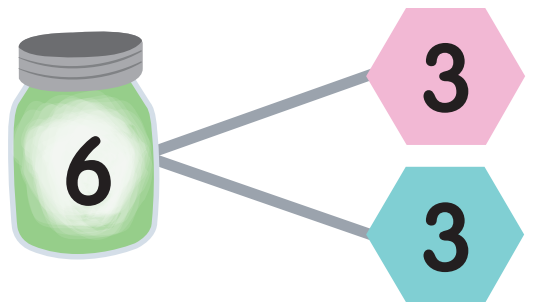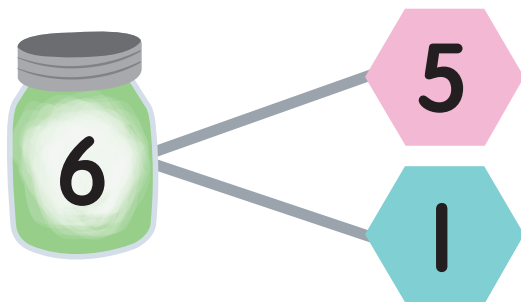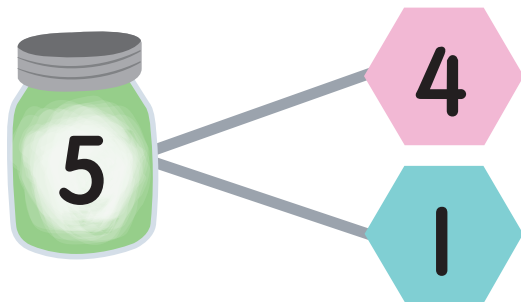
3 — 1, 2

7 — 3, 4

5 — 4, 1

4 — 2, 2

6 — 5, 1

6 — 3, 3

9 — 2, 7

8 — 6, 2

10 — 6, 4

1 — 0, 1
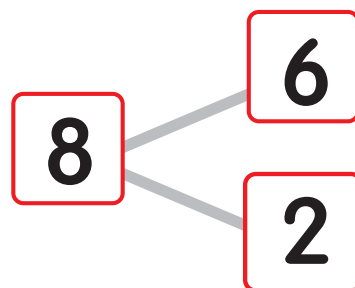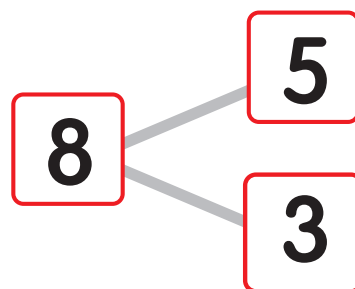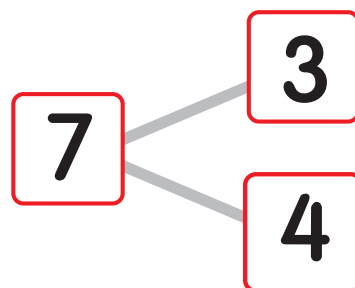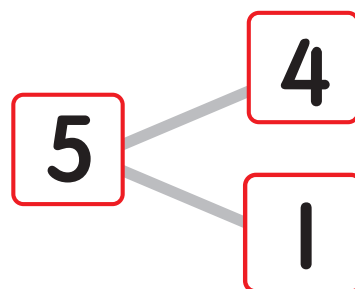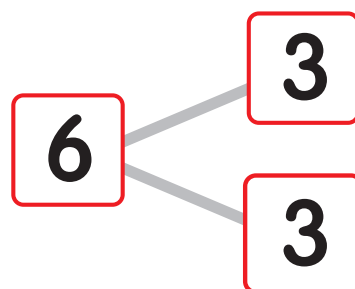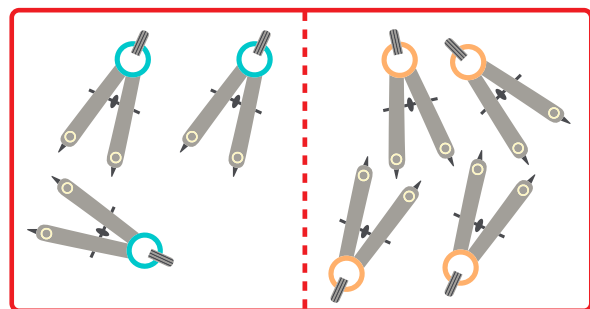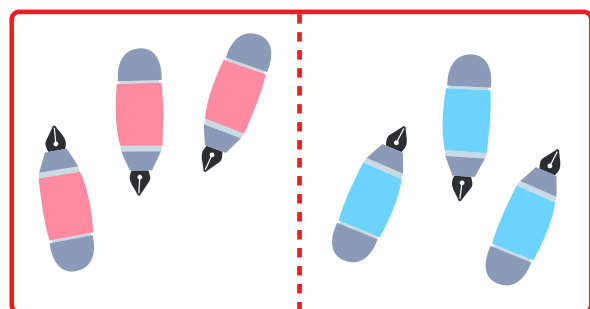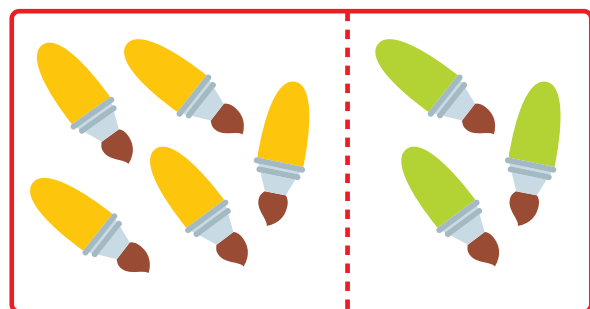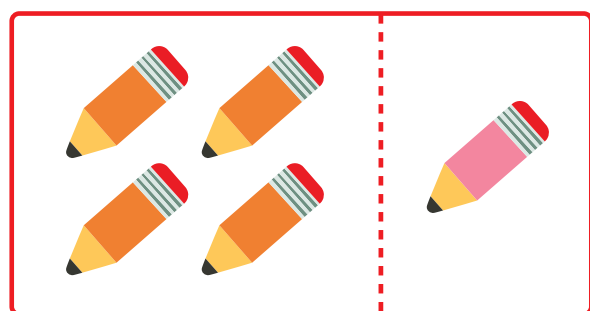
Match each of the pictures to the correct number bond.

Self-Assessment ✔

I've got it !
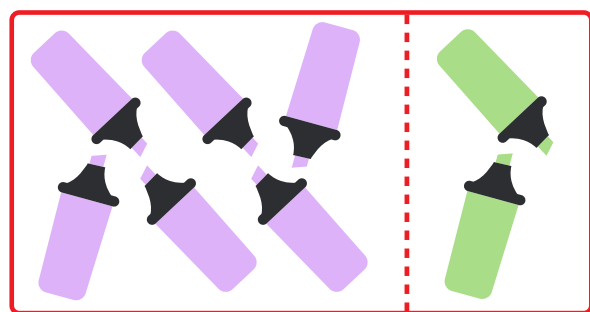
I need more practice.

I'm confused.

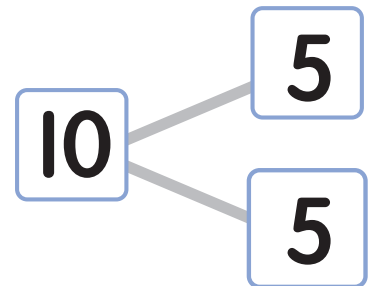# EXERCISE 10

Match each of the pictures to the correct number bond.

9 — 5 / 4

10 — 5 / 5

9 — 3 / 6

7 — 2 / 5

10 — 4 / 6
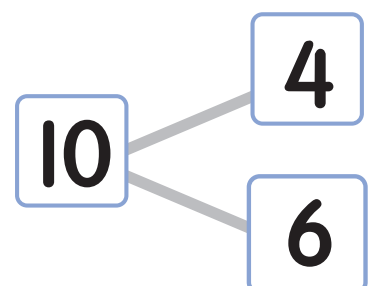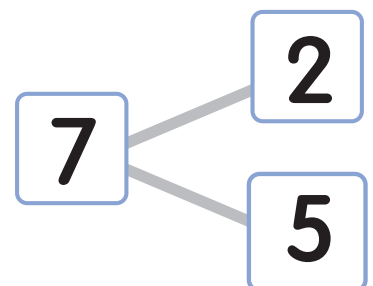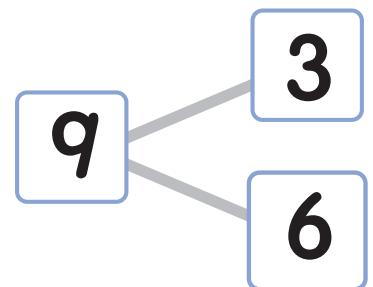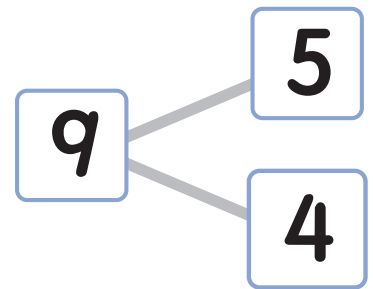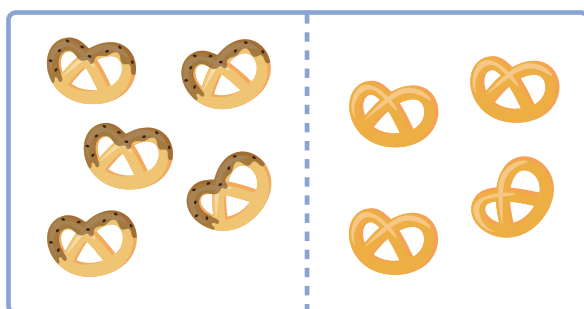
Self-Assessment ✓

I've got it !

I need more practice.
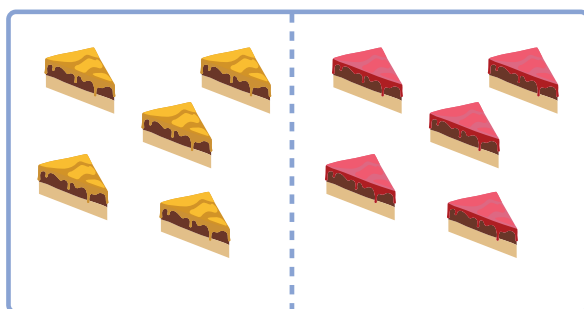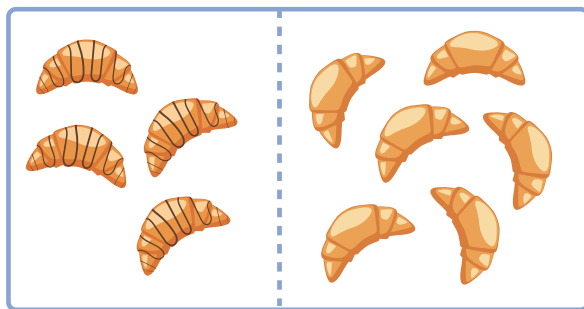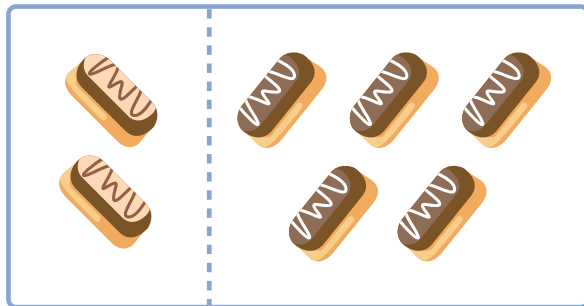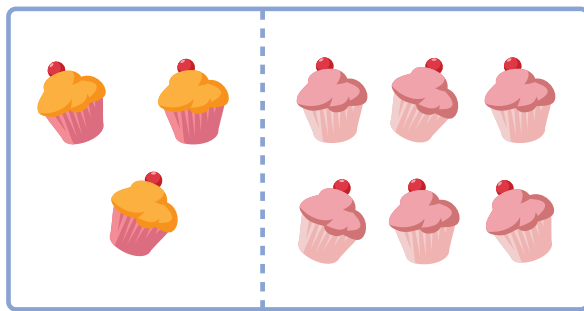
I'm confused.

Date: _____

Find the number bonds for the numbers below.

4
1 3

4
2 2

4
0 4

5
1 4

5
2 3

5
0 5

6
1 5

6
2 4

6
3 3

6
0 6

7
1 6

7
3 4

7
2 5

7
0 7

9
1 8

9
3 6

9
2 7

9
0 9
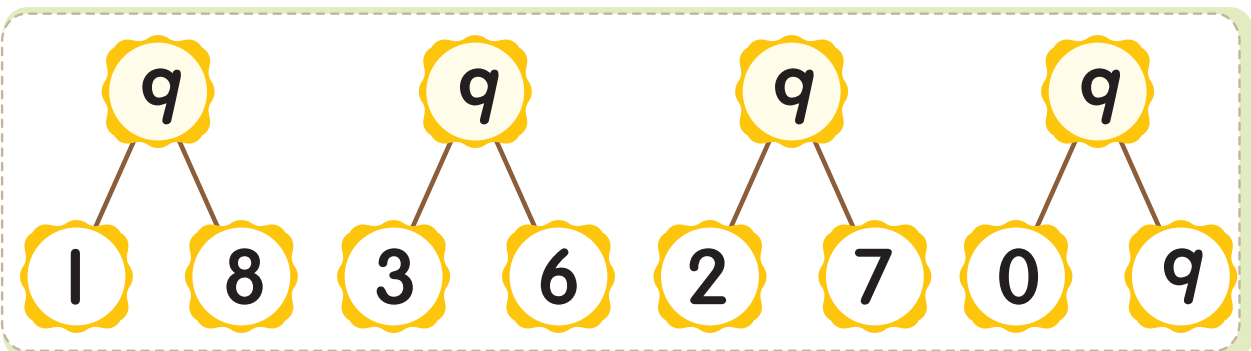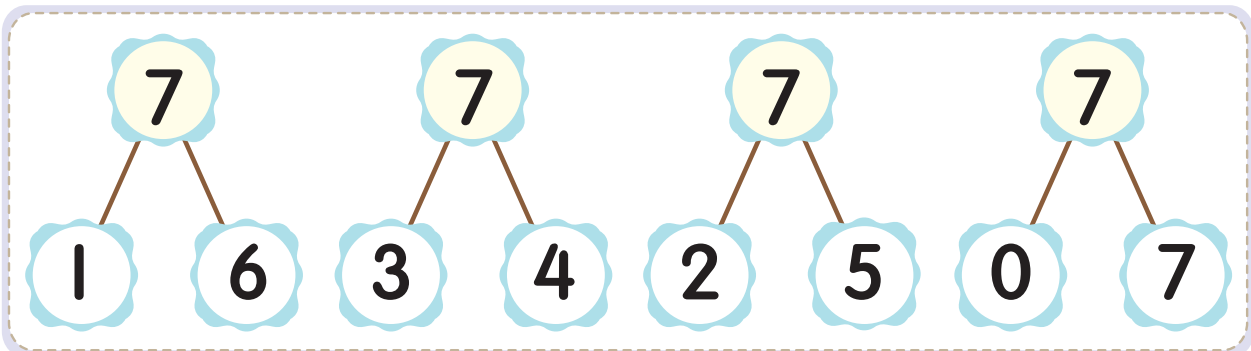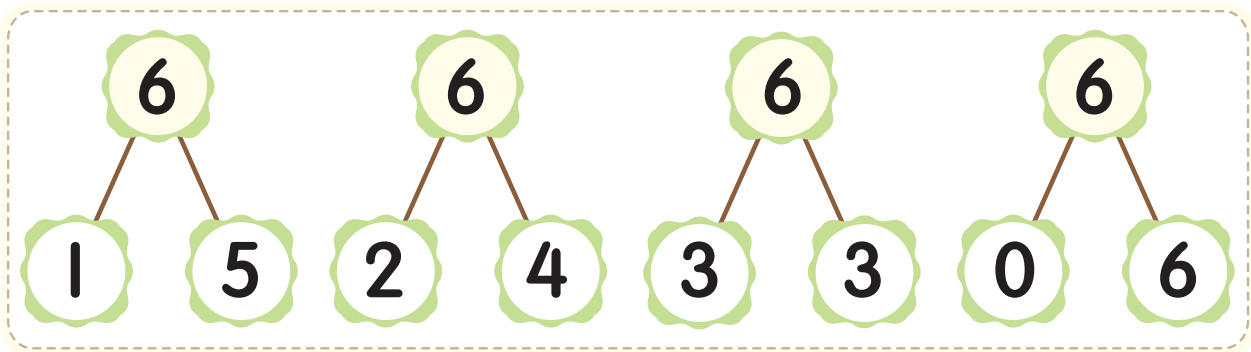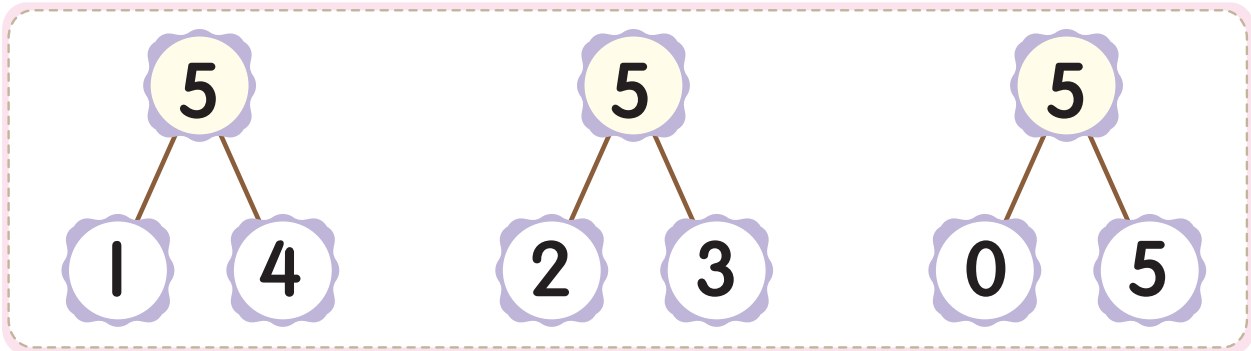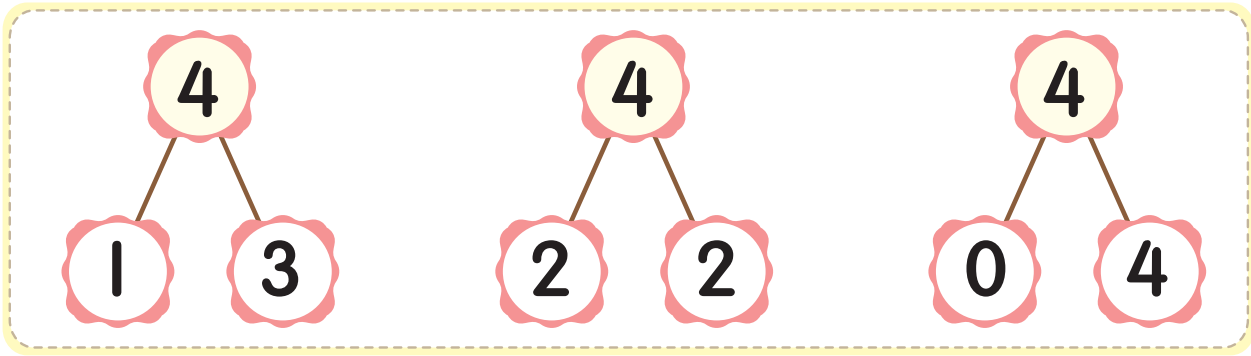
Self-Assessment ✔

I've got it !

I need more practice.

I'm confused.

EXERCISE 12

Date: _____

Look at each of the number bonds below. Then, draw a line to divide the objects to match the number bond.
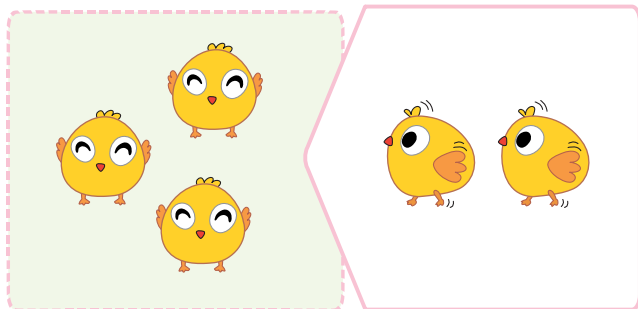
Addition within 10
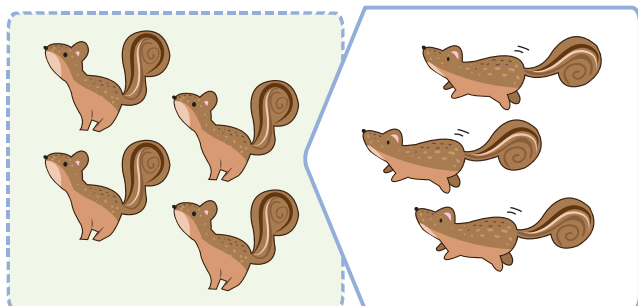
Date: _____

Count each group of animals. Then, fill in the blanks to complete the addition equation.

$3 + 2 = 5$

$4 + 3 = 7$
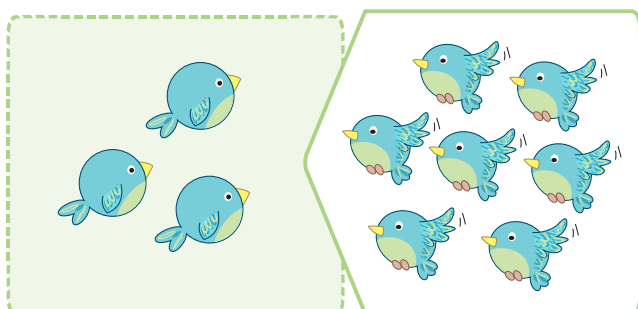
Self-Assessment ✓

I've got it !

I need more practice.

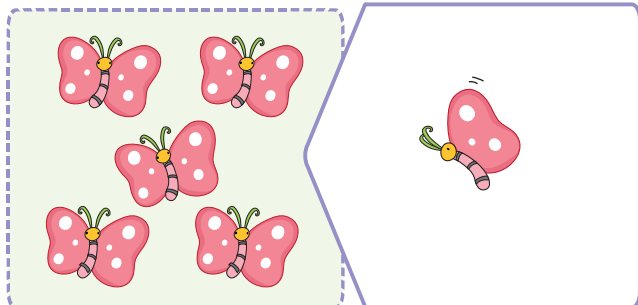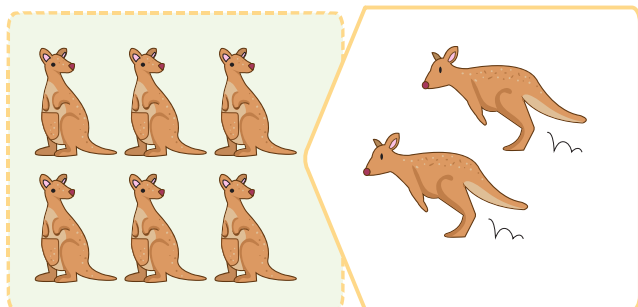I'm confused.

$5 + 1 = 6$

$6 + 2 = 8$

$3 + 7 = 10$

EXERCISE 2

Count each group of animals. Then, fill in the blanks to complete the addition equation.
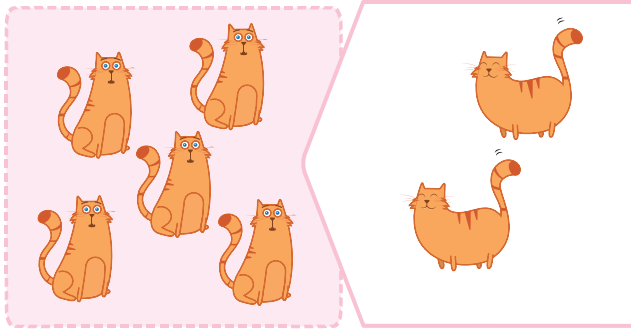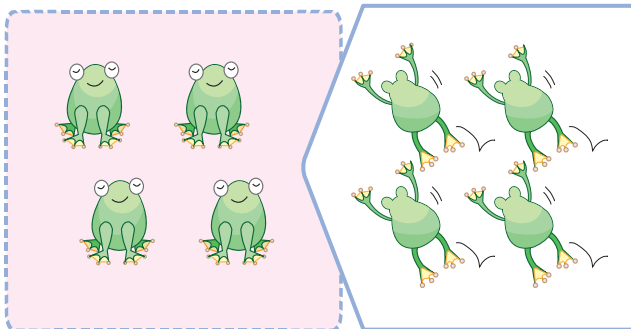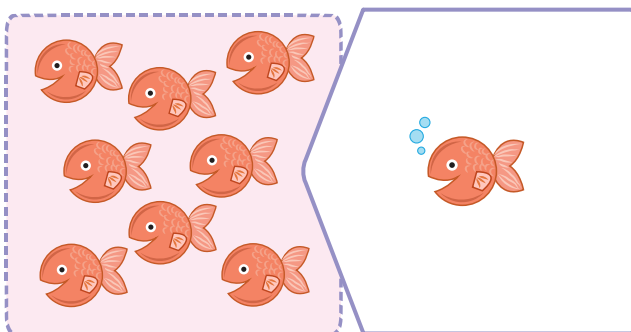
$5 + 2 = 7$

$4 + 4 = 8$

$8 + 1 = 9$
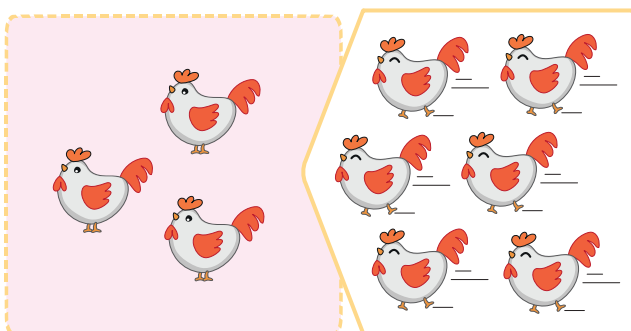
$3 + 6 = 9$

$2 + 8 = 10$

Date: _____

Complete the number bonds and the addition equations.
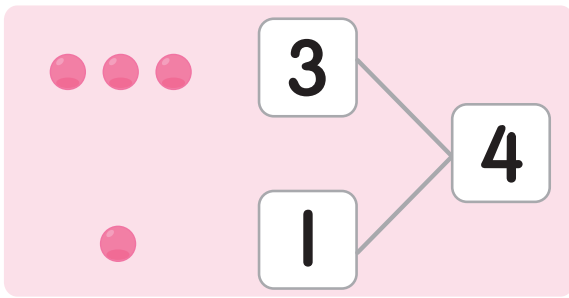
3
1
4
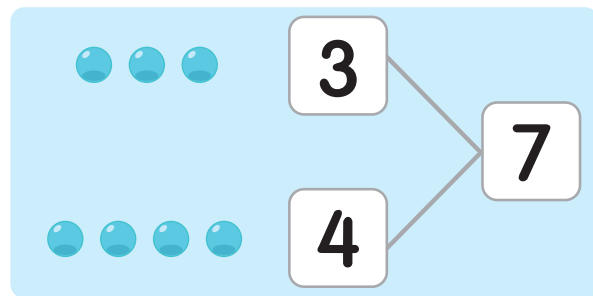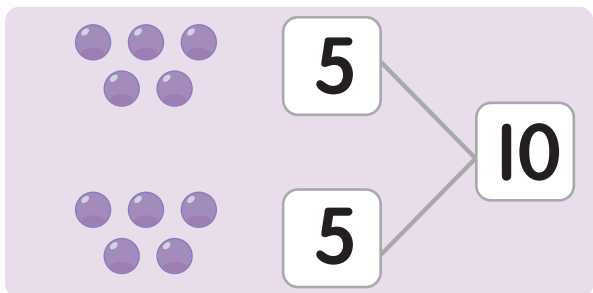
$3 + 1 = 4$

2
3
5

$2 + 3 = 5$

4
2
6

$4 + 2 = 6$

3
4
7

$3 + 4 = 7$

7
1
8

$7 + 1 = 8$
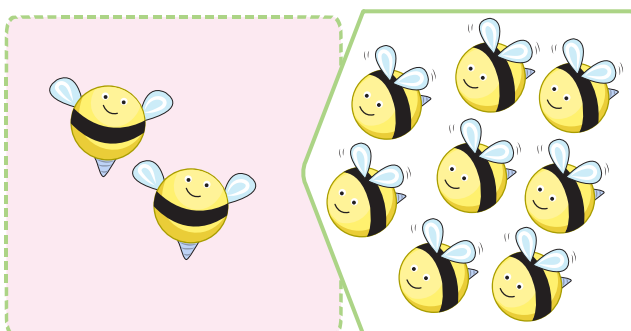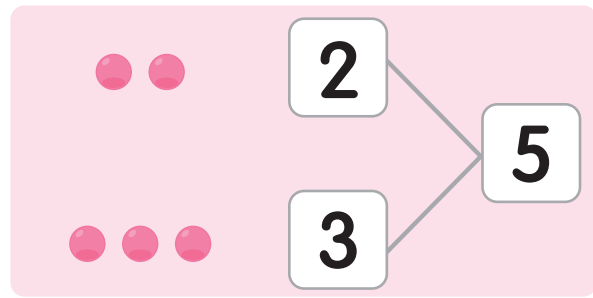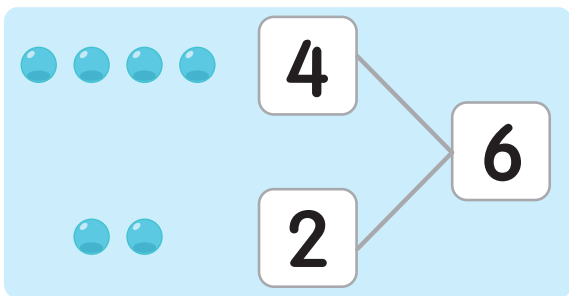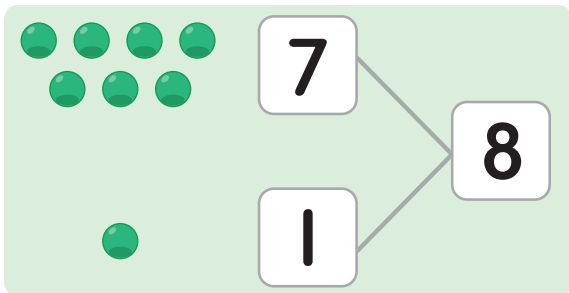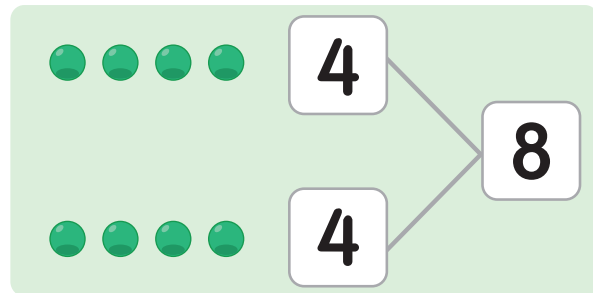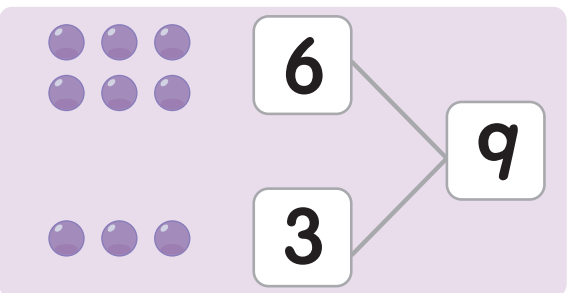
4
4
8

$4 + 4 = 8$

6
3
9

$6 + 3 = 9$

5
5
10

$5 + 5 = 10$
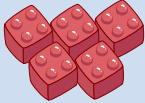
Self-Assessment ✓

I've got it !
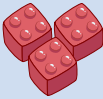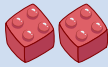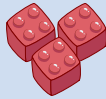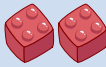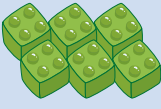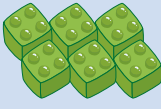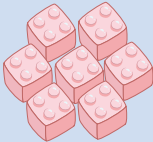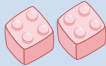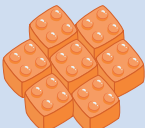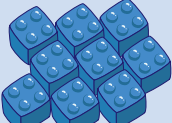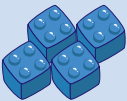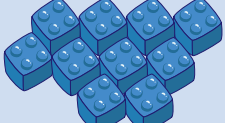
I need more practice.

I'm confused.

EXERCISE 4

Count the building blocks below. Then, complete the addition equations.

1 + 2 = 3

2 + 3 = 5

3 + 3 = 6

4 + 2 = 6

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

4 + 4 = 8

5 + 2 = 7

3 + 4 = 7

3 + 5 = 8

4 + 5 = 9

5 + 5 = 10

Date: _____

Add.

1 add 1 → 2

2 add 3 → 5

3 add 3 → 6

1 add 6 → 7

2 add 6 → 8

2 add 2 → 4

4 add 3 → 7

7 add 2 → 9

4 add 5 → 9

3 add 5 → 8

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Add.

$1 + 1 = \boxed{2}$

$2 + 2 = \boxed{4}$

$3 + 2 = \boxed{5}$

$4 + 2 = \boxed{6}$

$4 + 3 = \boxed{7}$

$5 + 2 = \boxed{7}$

$6 + 2 = \boxed{8}$

$7 + 1 = \boxed{8}$
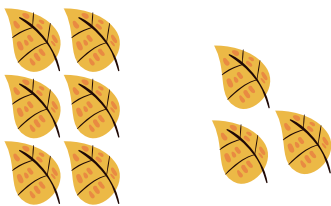
$6 + 3 = \boxed{9}$

$8 + 2 = \boxed{10}$

Date: _____

Add.
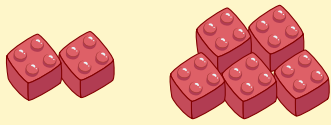
2 + 5 = 7
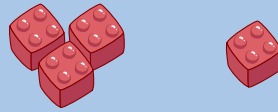
3 + 1 = 4
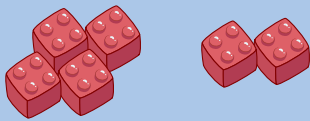
4 + 2 = 6

6 + 3 = 9
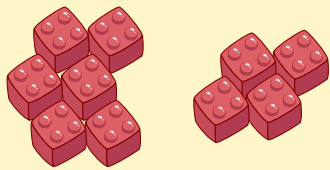
6 + 4 = 10
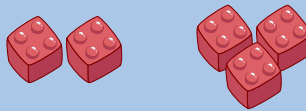
2 + 3 = 5
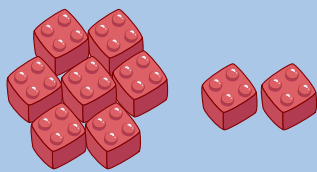
7 + 2 = 9
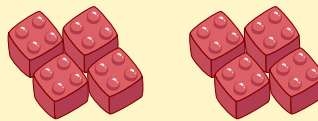
4 + 4 = 8
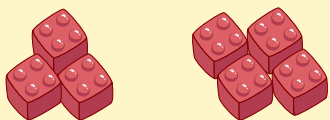
3 + 4 = 7
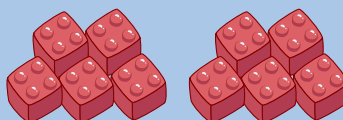
5 + 5 = 10

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Add.

$1 + 1 = \boxed{2}$

$2 + 1 = \boxed{3}$
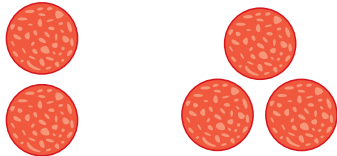
$2 + 3 = \boxed{5}$
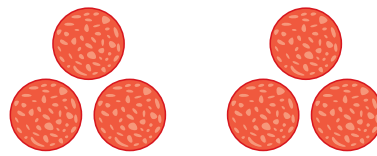
$3 + 3 = \boxed{6}$

$4 + 2 = \boxed{6}$
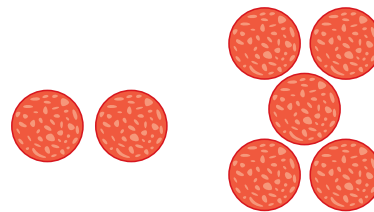
$2 + 5 = \boxed{7}$
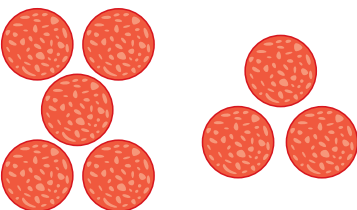
$5 + 3 = \boxed{8}$
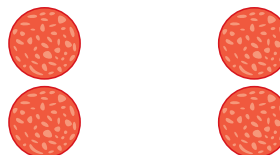
$2 + 2 = \boxed{4}$
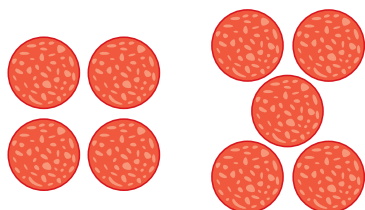
$4 + 5 = \boxed{9}$
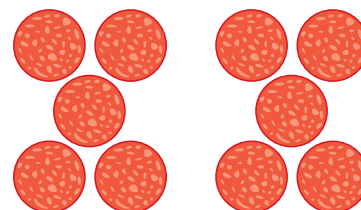
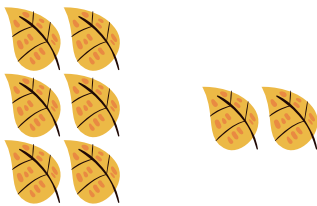$5 + 5 = \boxed{10}$
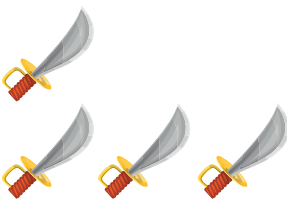
Add.

$$\begin{array}{r} 1 \\ + \ 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + \ 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + \ 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + \ 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 6 \\ + \ 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + \ 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + \ 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ + \ 3 \\ \hline 10 \end{array}$$

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Add.

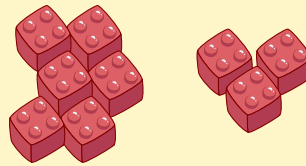$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

EXERCISE 11

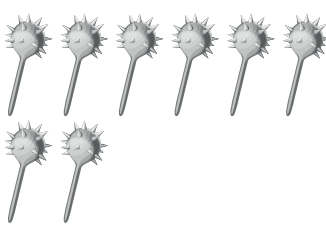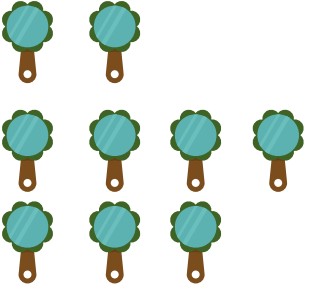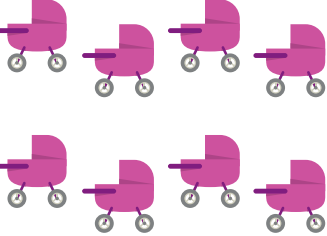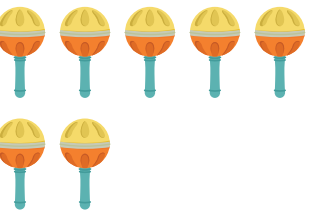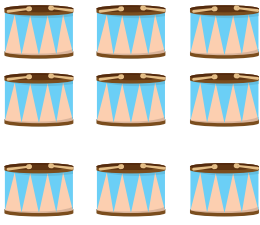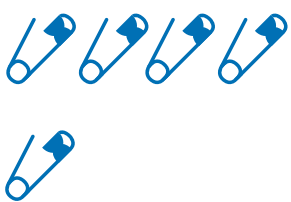**Date:** _____

Make addition stories.

There are 3 pencils on the table. Ben puts 2 more pencils on the table. How many pencils are there altogether?

| 3 | + | 2 | = | 5 |

There are ___5___ pencils altogether.

Working

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \\ \hline \end{array}$$

Lynn has 4 books. She receives 4 more books. How many books does she have altogether?
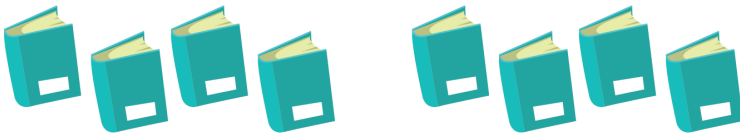
| 4 | + | 4 | = | 8 |

She has ___8___ books altogether.

Working

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \\ \hline \end{array}$$

There are 4 pupils in the classroom. 5 more pupils come into the classroom. How many pupils are there altogether?

| 4 | + | 5 | = | 9 |

There are ___9___ pupils altogether.

Working

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \\ \hline \end{array}$$

Date: _____

Make addition stories.

Alice has 2 lollipops. She buys 2 more lollipops. How many lollipops does Alice have altogether?

| 2 | + | 2 | = | 4 |

Working

$$\begin{array}{r} 2 \\ +\ 2 \\ \hline 4 \end{array}$$

Alice has ____4____ lollipops altogether.

A dog has 3 bones. It finds 3 more bones. How many bones does it have altogether?

| 3 | + | 3 | = | 6 |

Working

$$\begin{array}{r} 3 \\ +\ 3 \\ \hline 6 \end{array}$$

The dog has ____6____ bones altogether.

There are 6 apples in the fridge. Mother puts 4 more apples into the fridge. How many apples are in the fridge altogether?

| 6 | + | 4 | = | 10 |

Working

$$\begin{array}{r} 6 \\ +\ 4 \\ \hline 10 \end{array}$$
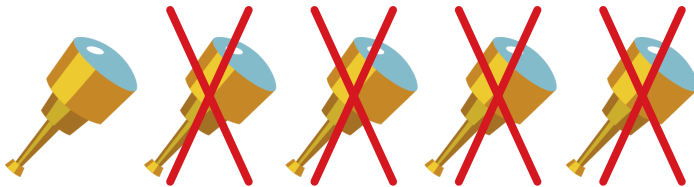
There are ____10____ apples in the fridge altogether.

Subtraction within 10

Date: _____

Cross out (×) and subtract. Then, write the correct answer in the box.

$4 - 2 = \boxed{2}$

$5 - 4 = \boxed{1}$
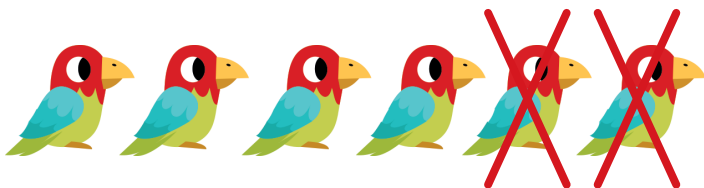
Self-Assessment ✓

I've got it !

$8 - 3 = \boxed{5}$

I need more practice.
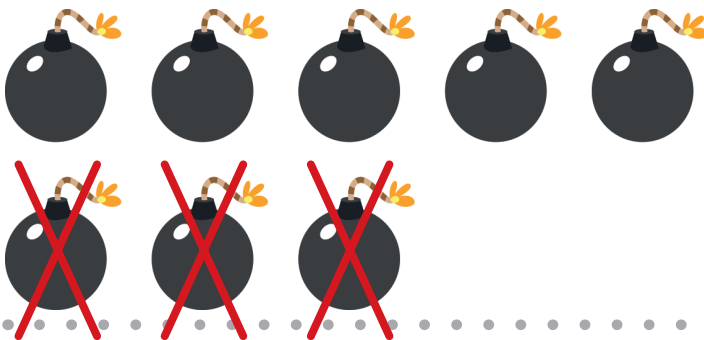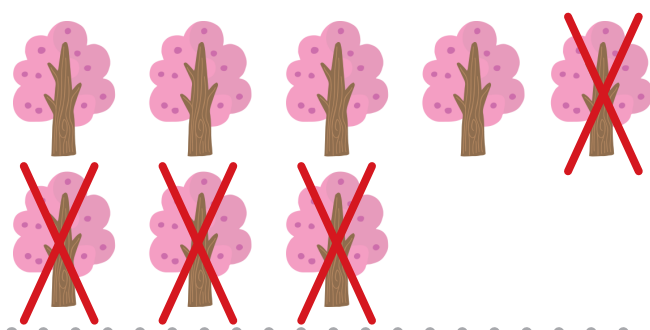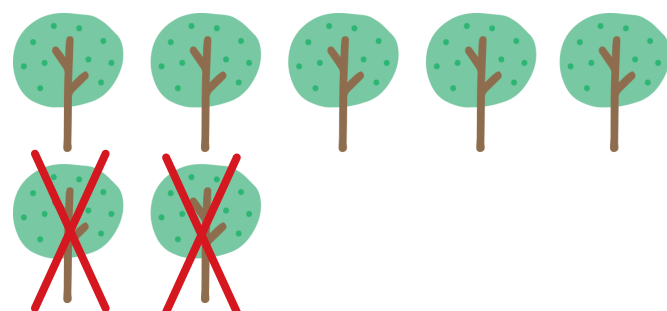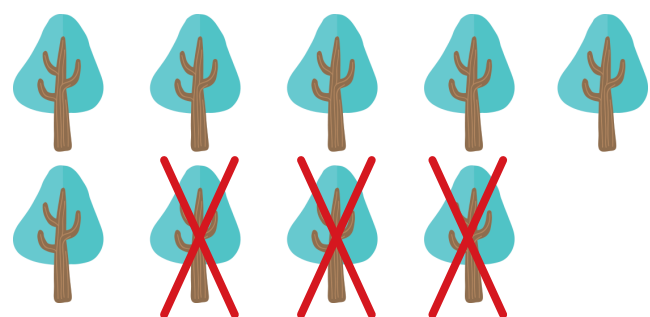
I'm confused.

$6 - 2 = \boxed{4}$

$7 - 4 = \boxed{3}$

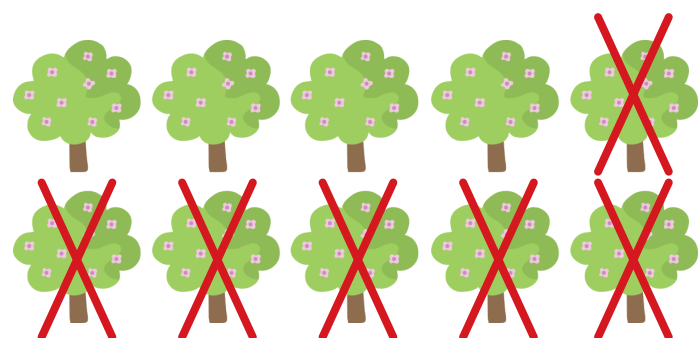Cross out (×) and subtract. Then, write the correct answer in the box.

$8 - 4 = \boxed{4}$

$7 - 2 = \boxed{5}$

$9 - 3 = \boxed{6}$

$9 - 7 = \boxed{2}$

$10 - 6 = \boxed{4}$

Date: _____

Cross out and subtract. Then, write the correct answer in the box.

4 − 2 = 2

5 − 1 = 4

6 − 3 = 3

6 − 5 = 1

7 − 7 = 0

8 − 3 = 5

10 − 2 = 8

9 − 0 = 9

8 − 2 = 6

8 − 4 = 4

9 − 7 = 2

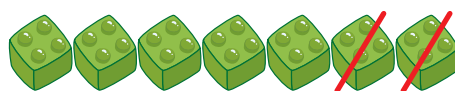10 − 3 = 7

Self-Assessment ☑

I've got it !

I need more practice.

I'm confused.

Cross out and subtract. Then, write the correct answer in the box.

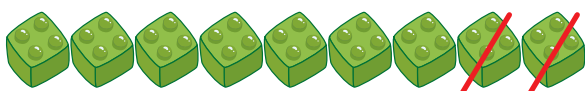$9 - 3 = \boxed{6}$

$7 - 2 = \boxed{5}$

$8 - 5 = \boxed{3}$

$6 - 2 = \boxed{4}$
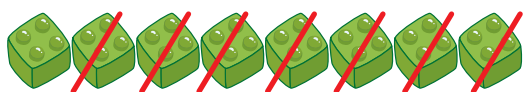
Self-Assessment ✓

I've got it !
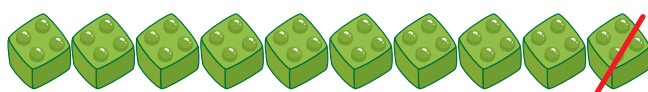
I need more practice.

I'm confused.

$7 - 5 = \boxed{2}$

$9 - 4 = \boxed{5}$

$9 - 2 = \boxed{7}$

$7 - 4 = \boxed{3}$

$10 - 1 = \boxed{9}$

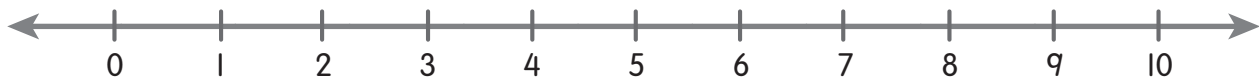$8 - 6 = \boxed{2}$

$8 - 7 = \boxed{1}$

$9 - 5 = \boxed{4}$

EXERCISE 5

Use the number line to subtract by counting back.

$$\longleftarrow \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad \longrightarrow$$

$9 - 2 = \boxed{7}$

$5 - 3 = \boxed{2}$

$7 - 5 = \boxed{2}$

$9 - 4 = \boxed{5}$

$8 - 1 = \boxed{7}$

$10 - 4 = \boxed{6}$

$8 - 6 = \boxed{2}$

$6 - 2 = \boxed{4}$

$6 - 5 = \boxed{1}$

$9 - 6 = \boxed{3}$

$10 - 4 = \boxed{6}$

$10 - 2 = \boxed{8}$

$10 - 5 = \boxed{5}$

$7 - 4 = \boxed{3}$

$9 - 7 = \boxed{2}$

$10 - 0 = \boxed{10}$

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Complete each of the number bonds. Then, complete the equation.

$$6 - 3 = 3$$
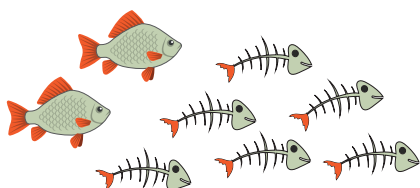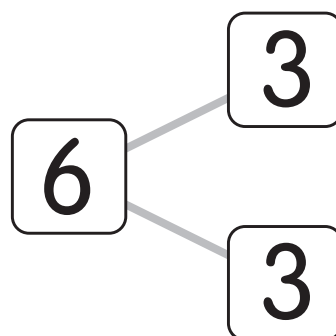
$$8 - 6 = 2$$
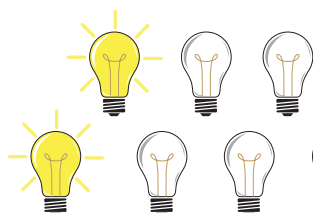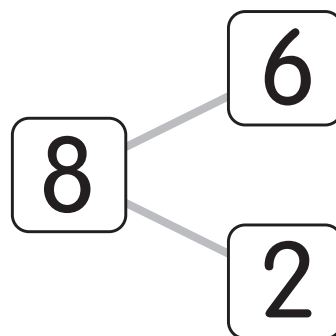
$$7 - 5 = 2$$
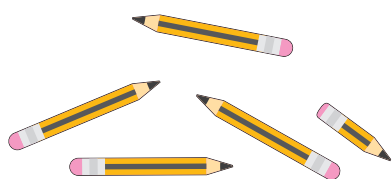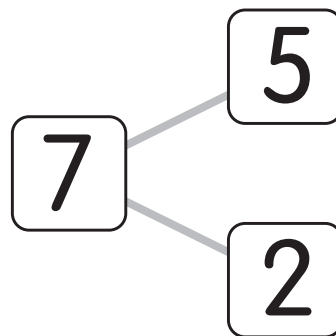
$$5 - 1 = 4$$
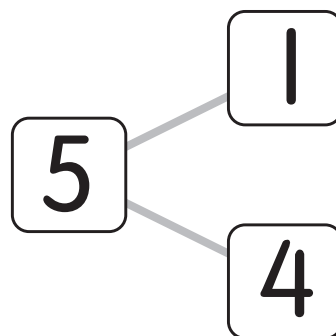
$$9 - 3 = 6$$
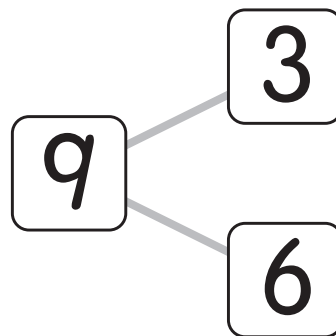
6 — 3
  — 3

8 — 6
  — 2

7 — 5
  — 2

5 — 1
  — 4

9 — 3
  — 6

Complete each of the number bonds. Then, write two subtraction equations for each picture.

$$6 - 2 = 4$$
$$6 - 4 = 2$$

6 — 2
— 4

$$7 - 4 = 3$$
$$7 - 3 = 4$$

7 — 4
— 3

$$8 - 2 = 6$$
$$8 - 6 = 2$$

8 — 2
— 6

$$9 - 5 = 4$$
$$9 - 4 = 5$$

9 — 5
— 4
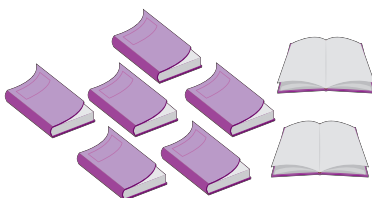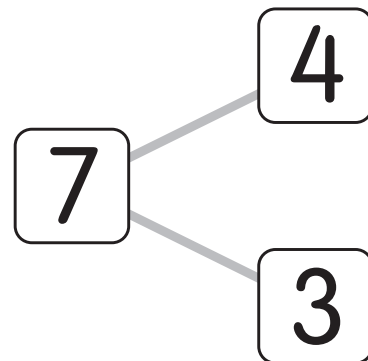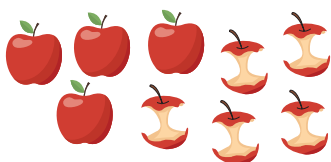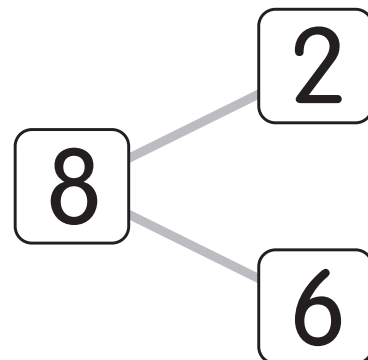
Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Subtract.

$$\begin{array}{r} 5 \\ -\ 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ -\ 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ -\ 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ -\ 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ -\ 0 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ -\ 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 9 \\ -\ 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ -\ 2 \\ \hline 6 \end{array}$$

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Fill in the blanks to complete the subtraction equations.

$5 - \boxed{3} = 2$

$8 - \boxed{0} = 8$

$\boxed{7} - 4 = 3$

$6 - \boxed{1} = 5$

$\boxed{9} - 6 = 3$

$\boxed{10} - 5 = 5$

$\boxed{10} - 1 = 9$

$7 - \boxed{5} = 2$

$10 - \boxed{8} = 2$

$9 - \boxed{5} = 4$

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

EXERCISE 10

Date: _____

Fill in the blanks to complete the subtraction equations.

$10 - \boxed{4} = 6$

$10 - \boxed{1} = 9$

$10 - \boxed{2} = 8$

$10 - \boxed{6} = 4$

$10 - \boxed{7} = 3$

$10 - \boxed{9} = 1$

$10 - \boxed{5} = 5$
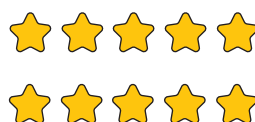
$10 - \boxed{3} = 7$

$10 - \boxed{10} = 0$

$10 - \boxed{8} = 2$

EXERCISE 11

Make subtraction stories.

There are 5 birds on the tree. 2 birds fly away. How many birds are there on the tree now?

Working

$$
\begin{array}{r}
5 \\
- \ 2 \\
\hline
3
\end{array}
$$

5 − 2 = 3

There are ___3___ birds on the tree now.

There are 6 red ladybugs and yellow ladybugs. 4 ladybugs are yellow. How many ladybugs are red?

Working

$$
\begin{array}{r}
6 \\
- \ 4 \\
\hline
2
\end{array}
$$

6 − 4 = 2

___2___ ladybugs are red.

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

There are 7 monkeys swinging in the trees. 3 monkeys jump down. How many monkeys are left in the trees?

Working

$$
\begin{array}{r}
7 \\
- \ 3 \\
\hline
4
\end{array}
$$

7 − 3 = 4

___4___ monkeys are left in the trees.

EXERCISE 12

Make subtraction stories.

Mother makes 8 cupcakes. Susie eats 3 of the cupcakes. How many cupcakes are left?

Working

$$8 - 3 = 5$$

	8
−	3
	5

___5___ cupcakes are left.

There are 9 cartons of milk on the shelf. A customer buys 7 cartons of milk. How many cartons of milk are left?

milk milk milk milk milk milk milk milk milk

$$9 - 7 = 2$$

	9
−	7
	2

___2___ cartons of milk are left.

There are 10 slices of pizza. Alex and his brother eat 4 slices of the pizza. How many slices of pizza are left?
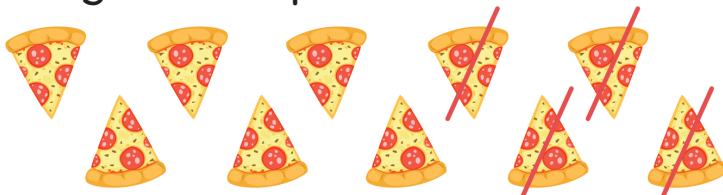
Working

$$10 - 4 = 6$$

	10
−	4
	6

___6___ slices of pizza are left.

Shapes and Patterns

EXERCISE 1

Trace and colour the shapes. Then, match each shape to the correct name.
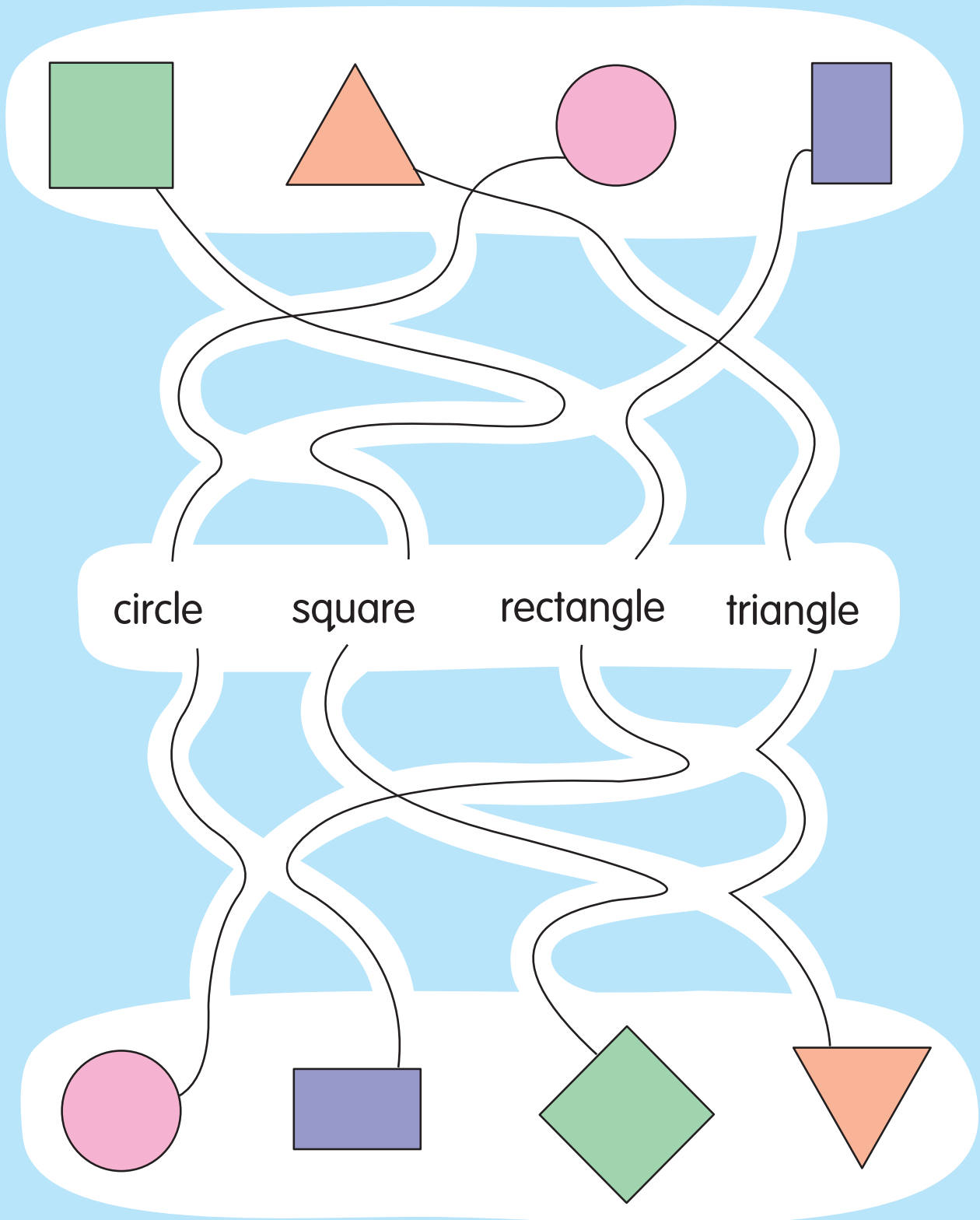
circle   square   rectangle   triangle

Self-Assessment ✔

I've got it !

I need more practice.

I'm confused.

Date: _____

Count the shapes. Then, fill in the blanks.
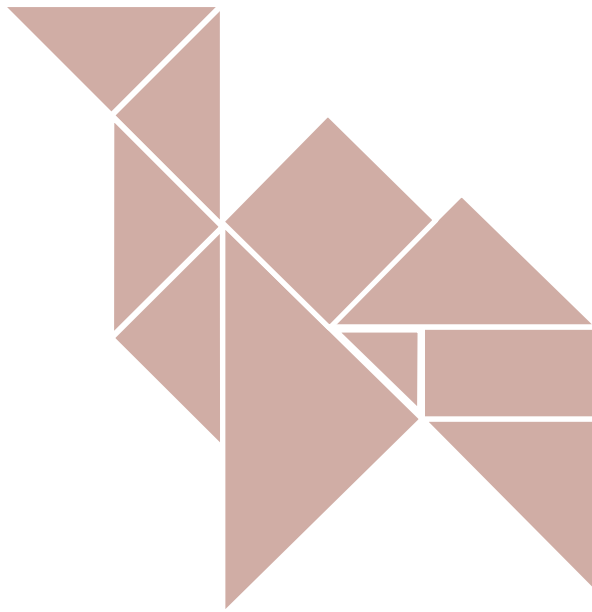
| 1 | square

| 1 | rectangle

| 8 | triangles
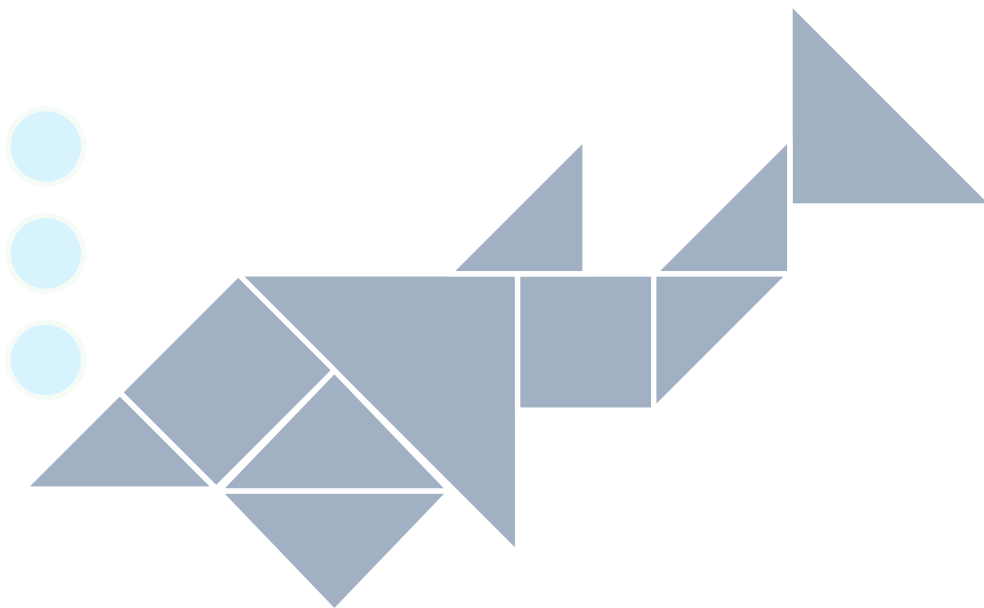
| 1 | square

| 1 | rectangle

| 3 | circles

| 8 | triangles

Count the shapes. Then, fill in the blanks.

| 2 | squares | | 3 | rectangles |

| 8 | circles | | 8 | triangles |

Self-Assessment ✓

I've got it !

I need more practice.
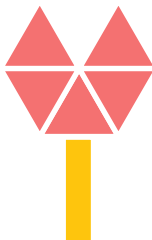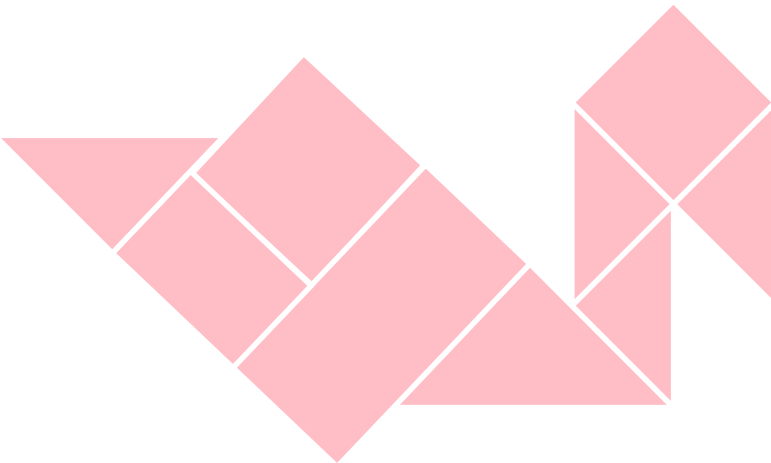
I'm confused.

| 2 | squares | | 3 | rectangles |

| 0 | circle | | 10 | triangles |

Date: _____

Count the shapes. Then, fill in the blanks with the correct answers.
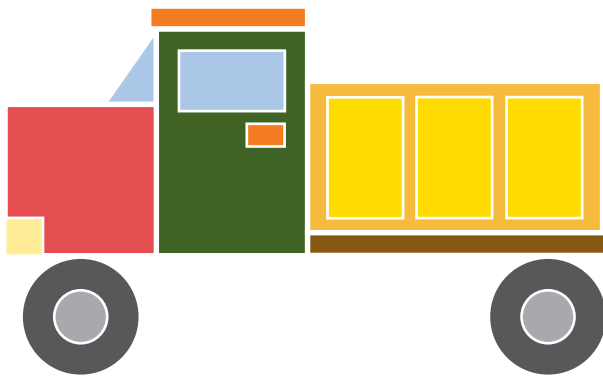
2	squares
9	rectangles
4	circles
1	triangle
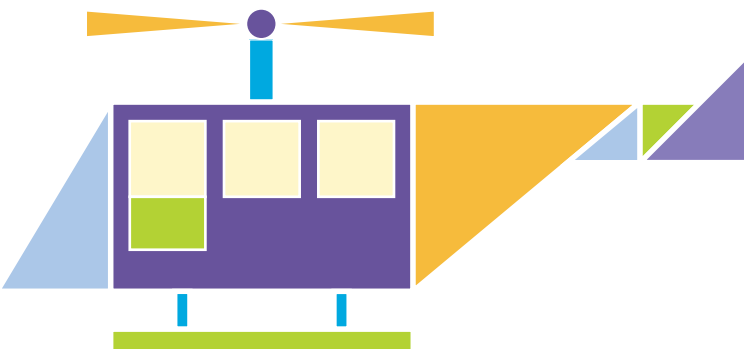
3	squares
7	rectangles
1	circle
7	triangles
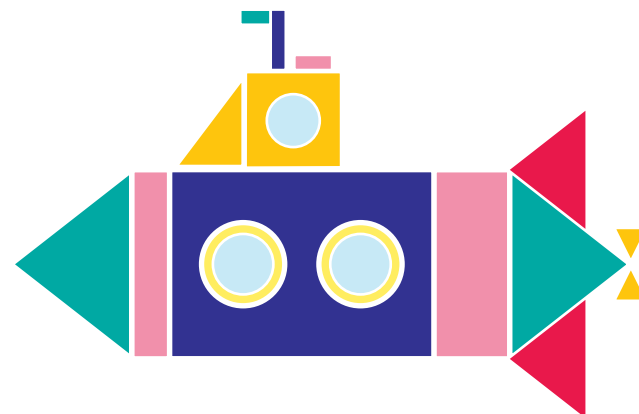
1	square
6	rectangles
5	circles
7	triangles
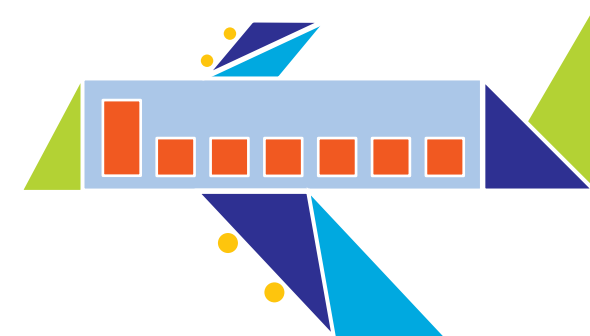
6	squares
2	rectangles
4	circles
7	triangles

Fill in the blanks with the correct letters. Then, match.

tr_i_a_ngle

r_e_c_t_a_ngle
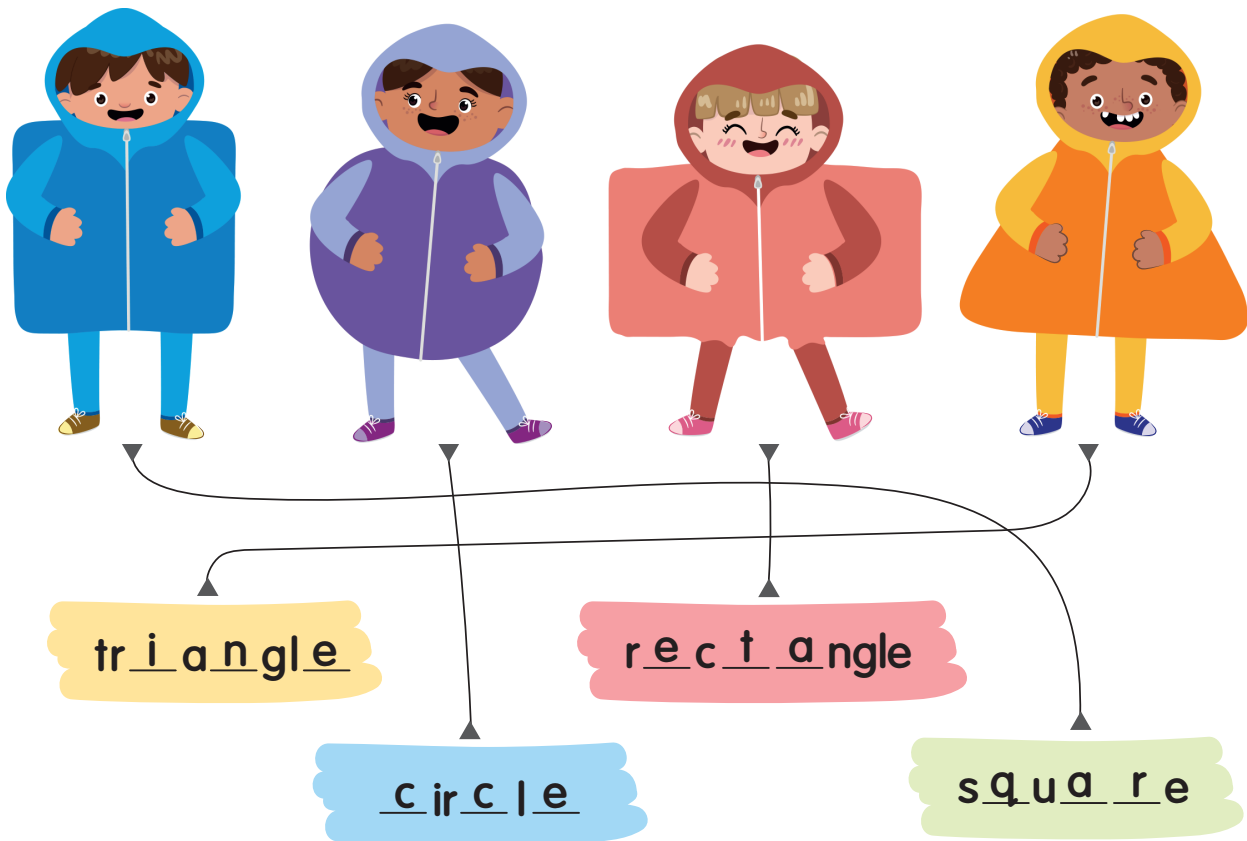
c_ir_c_l_e

s_qu_a_r_e

Name the shaded face of each object.

rectangle	square	triangle
square	circle	rectangle

EXERCISE 6

Complete each of the words. Then, circle the objects that are of the shape given.

c i r cle

s q u are

r e c t an g l e

tr i a n g l e
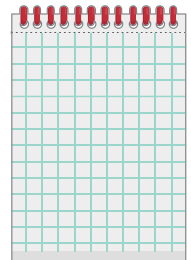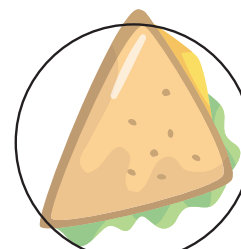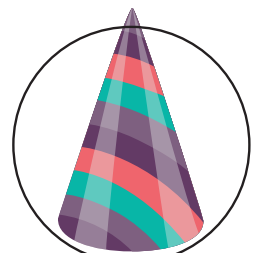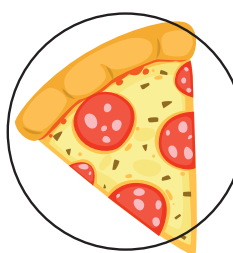
EXERCISE 7

Date: _____

Identify the pattern in each row. Draw the shape that comes next.

EXERCISE 8

Date: _____

Identify the pattern in each row. Draw the shape that comes next.

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Draw the correct shape to complete each pattern.

| V | Λ | V | Λ | V | Λ | V | Λ | V |

| A | B | A | B | A | B | A | B | A |

| + | – | – | + | – | – | + | – | – |

Date: _____

Draw the correct shape to complete each pattern.

Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Date: _____

Circle the shape that comes next.
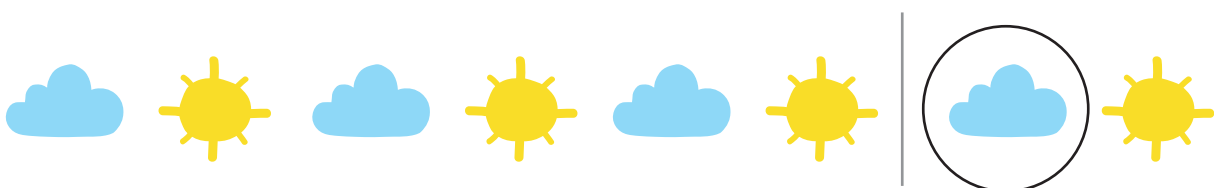
Self-Assessment ✓

🦁 ◯ I've got it !

🦁 ◯ I need more practice.

🦁 ◯ I'm confused.

Date: _____

Circle the shape that comes next.
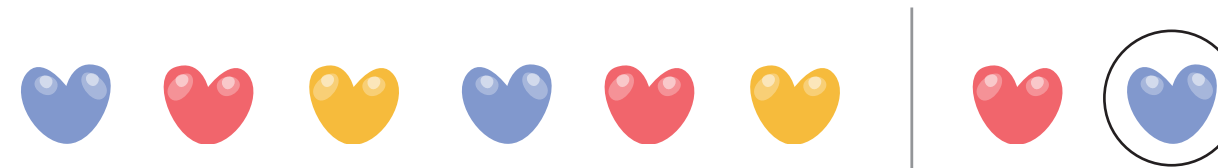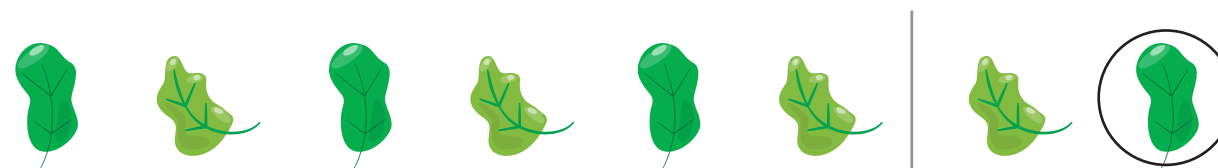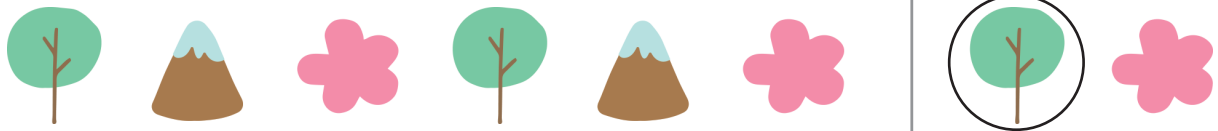
Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

Halves and Quarters

EXERCISE 1　　　　　　　　　　　**Date:** _____

Match each of the following pictures to its other half.
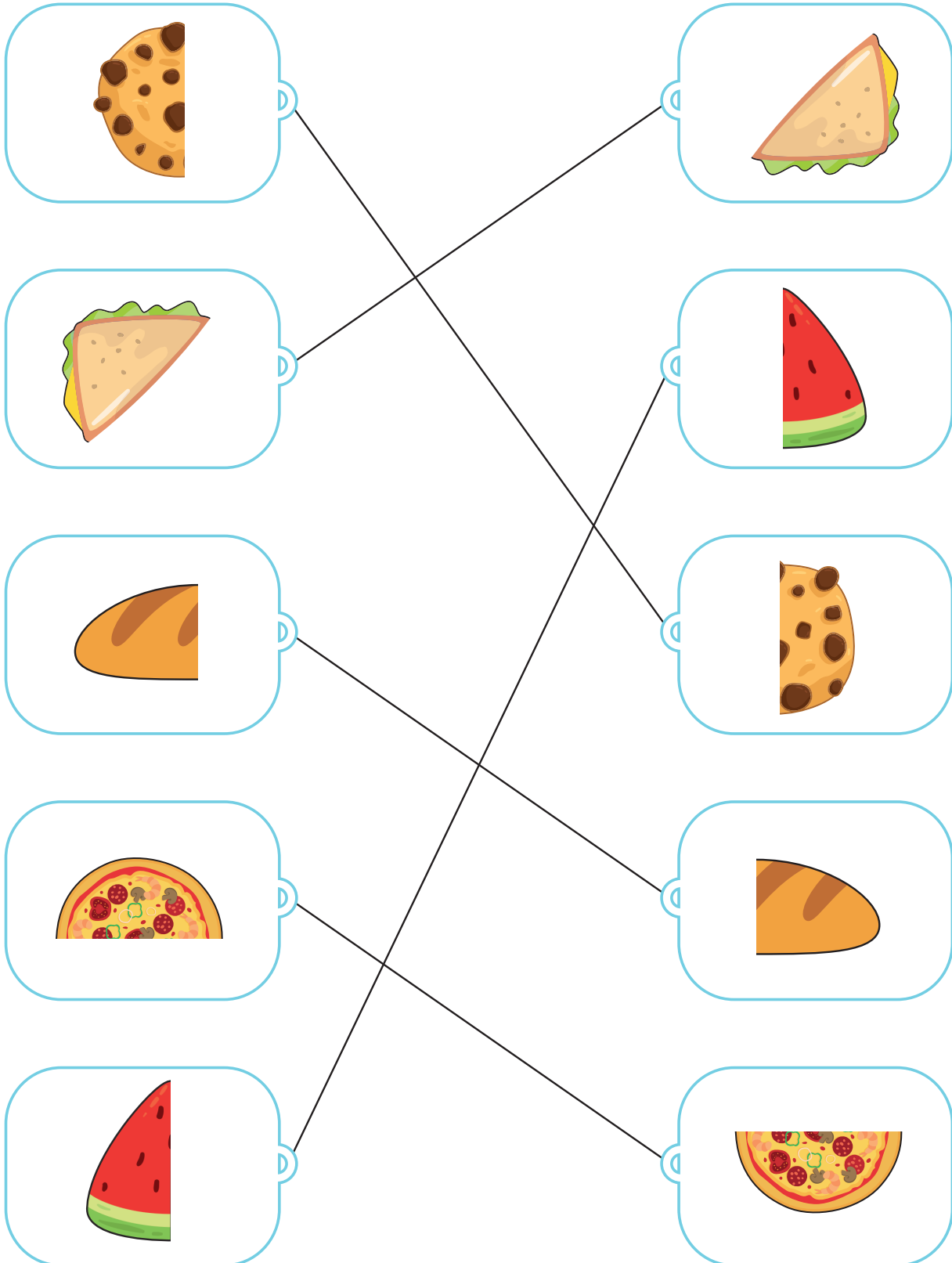
EXERCISE 2

Date: _____

Colour one half of each shape below.
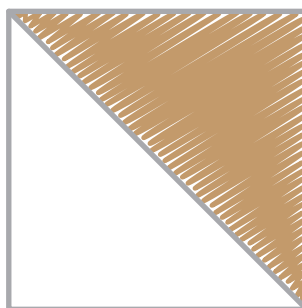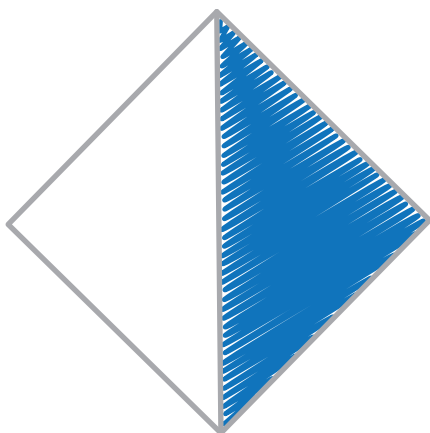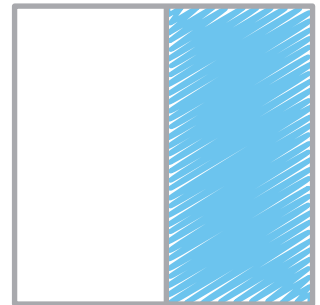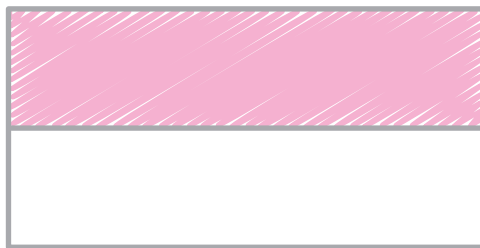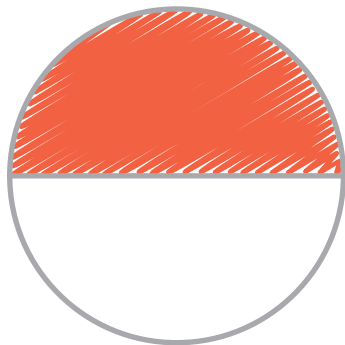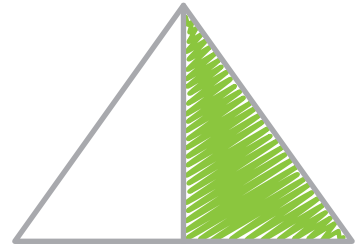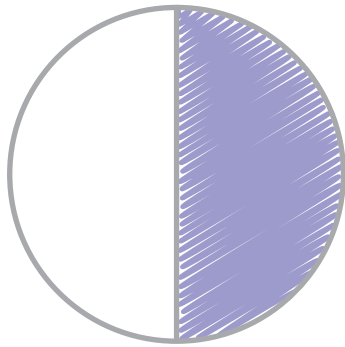
I've got it !

I need more practice.

I'm confused.

EXERCISE 3

Date: _____

Compare each group of shapes below. Tick (✓) in the box if the shape on the right is the other half of the shape on the left.
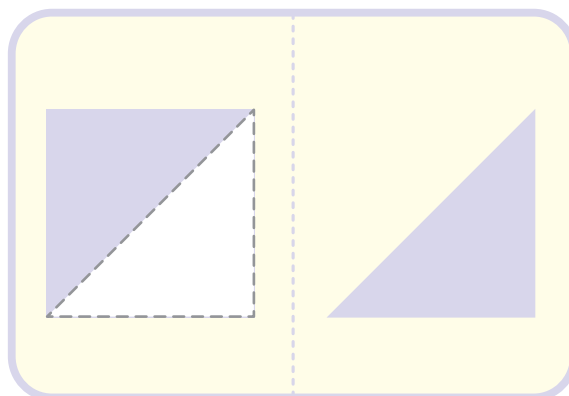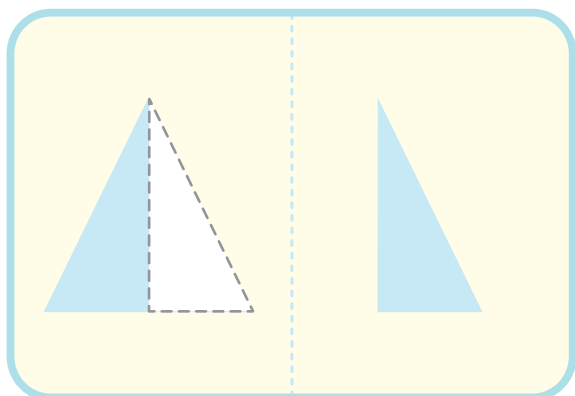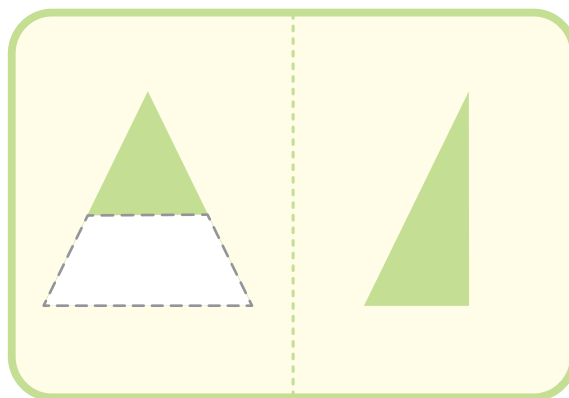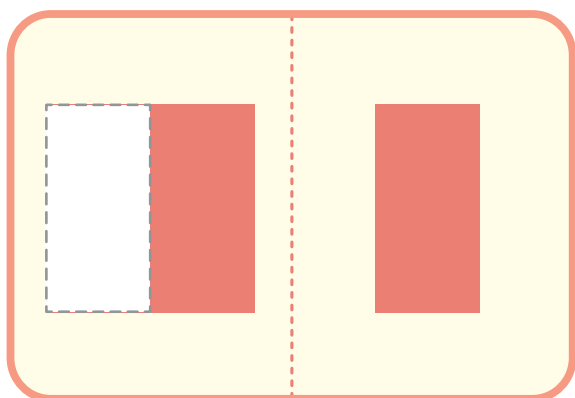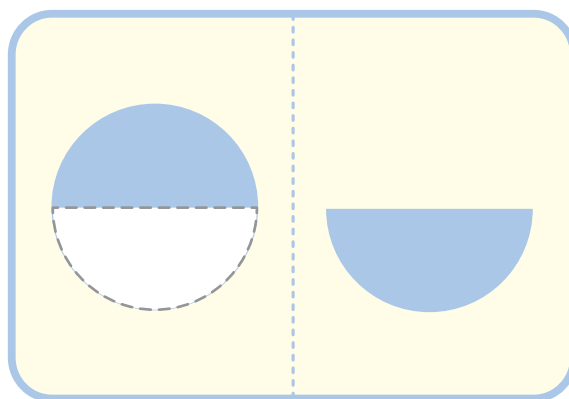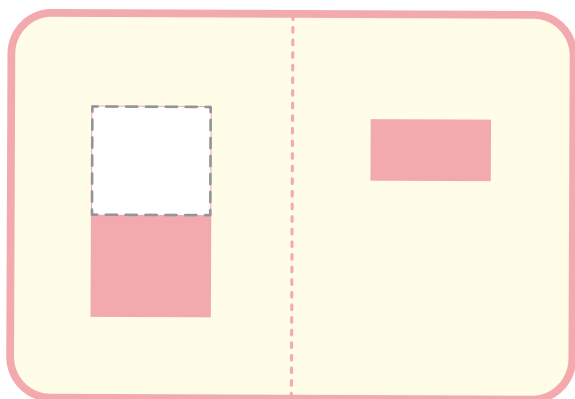
Self-Assessment ✓

🦁 ○ I've got it !

🦁 ○ I need more practice.

🦁 ○ I'm confused.

EXERCISE 4

Date: _____

Tick (✓) in the box of the picture where its shaded part equals one half.

✓

✓

✓

(empty box)

✓

✓

✓

(empty box)

✓
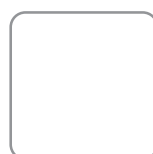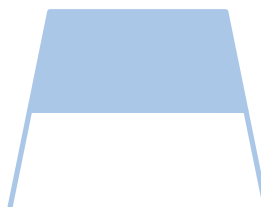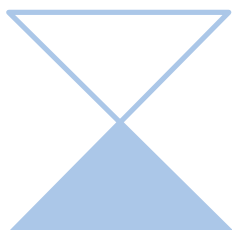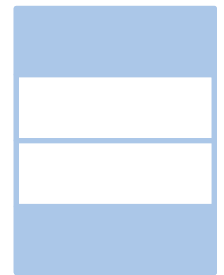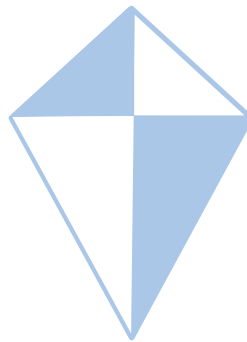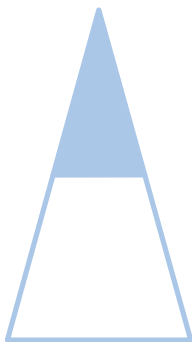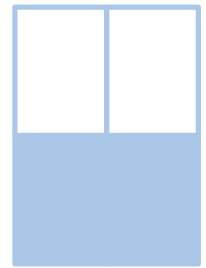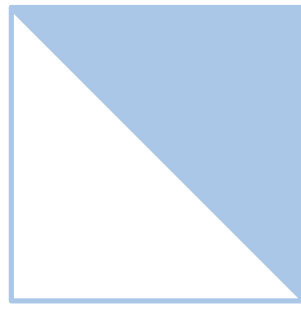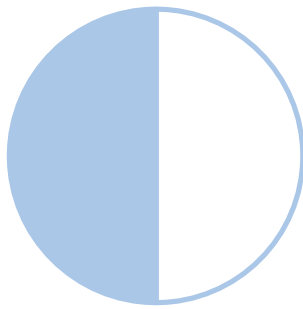
EXERCISE 5

Date: _____

Draw a line to divide each shape into half. Then, colour one half red and the other half blue.
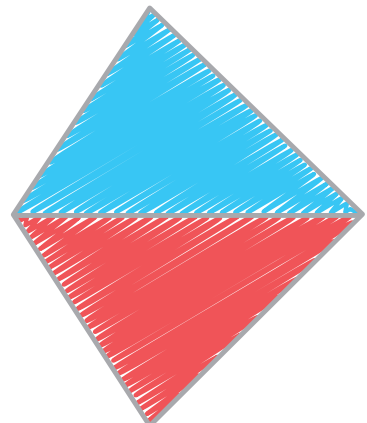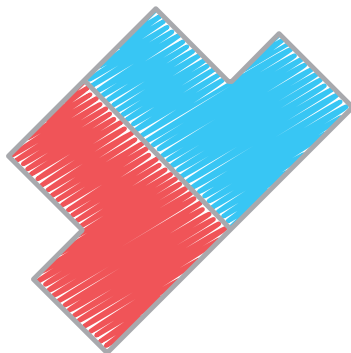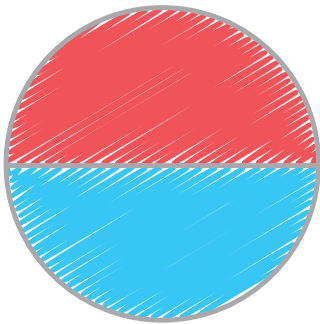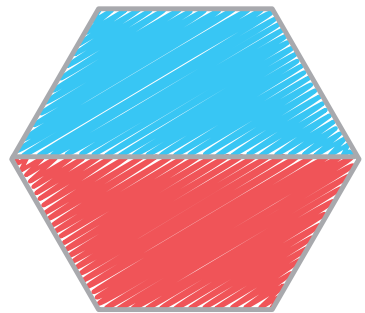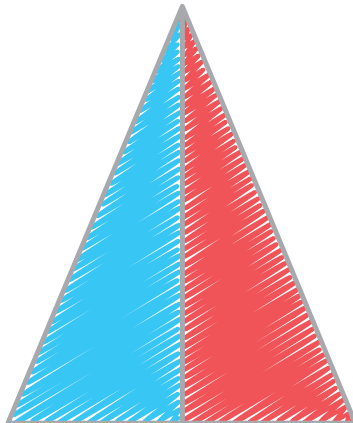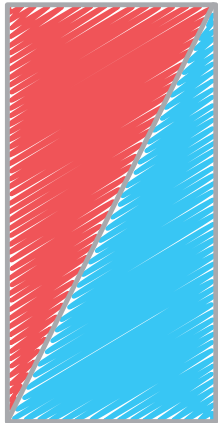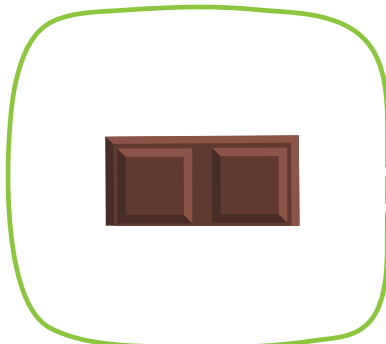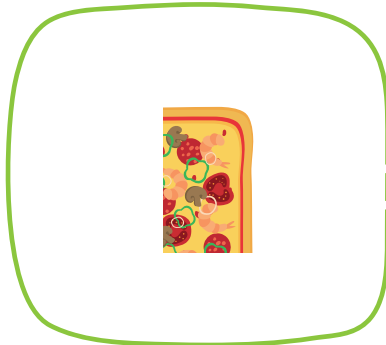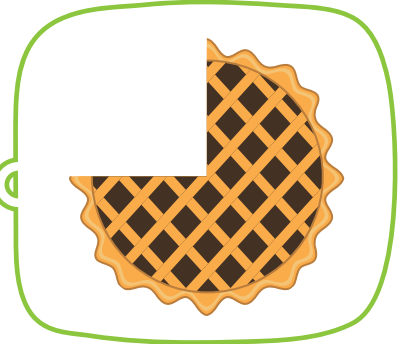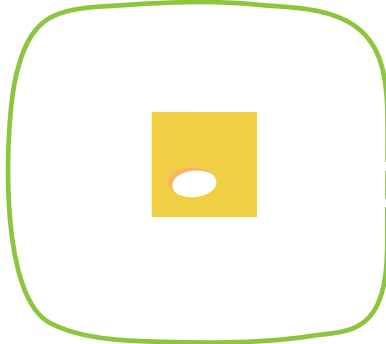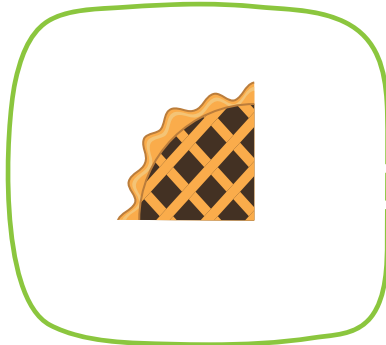
I've got it !

I need more practice.

I'm confused.

Date: _____

Match correctly.
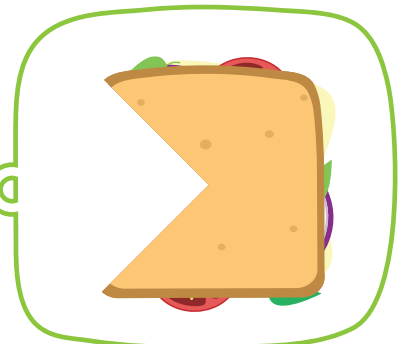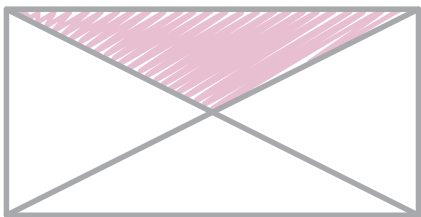

Self-Assessment ✔

I've got it !

I need more practice.
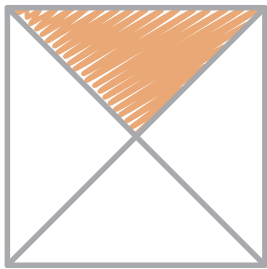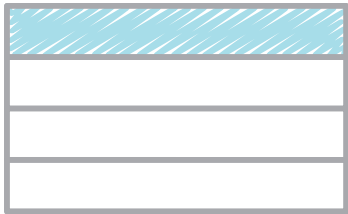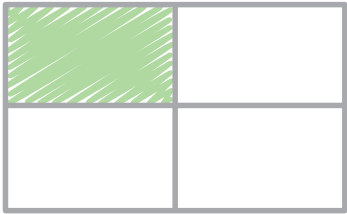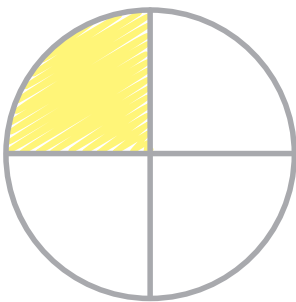
I'm confused.

Date: _____

Colour one quarter of each shape below.
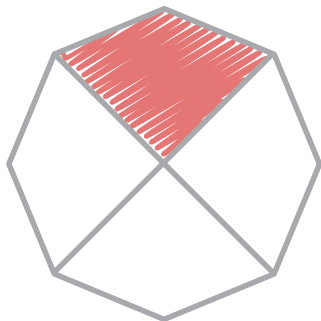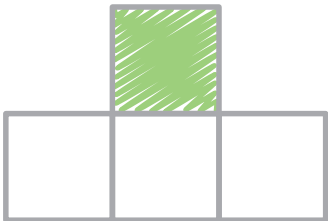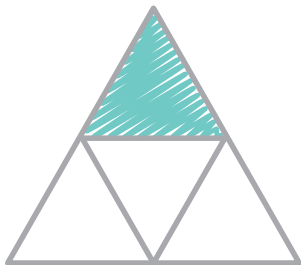
Self-Assessment ✔️

😆 ⭘
I've got it !

🦁 ⭘
I need more practice.

😌 ⭘
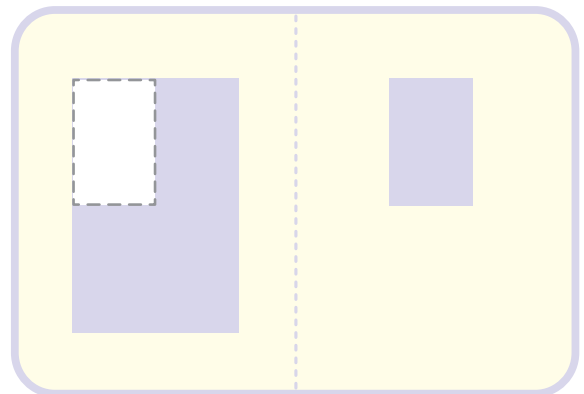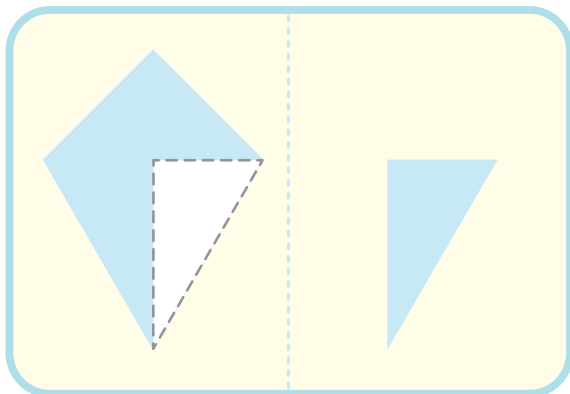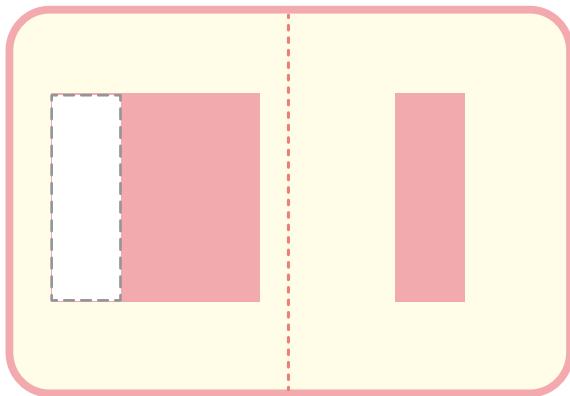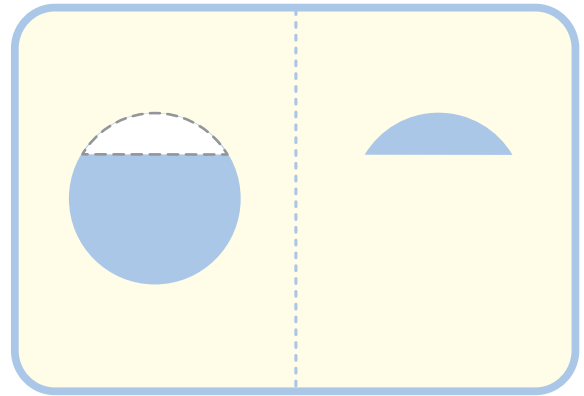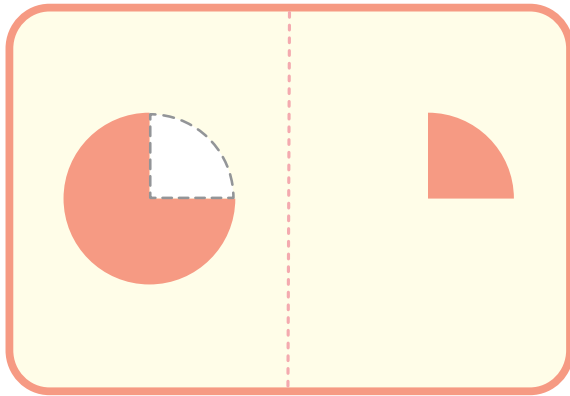I'm confused.

EXERCISE 8

Compare each group of shapes below. Tick (✓) in the box if the shape on the right is a quarter of the shape on the left.
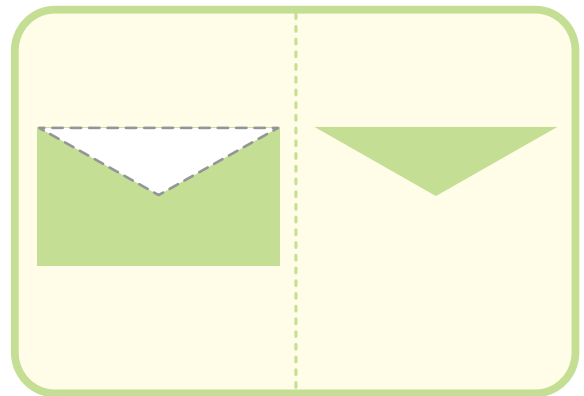
✓

☐
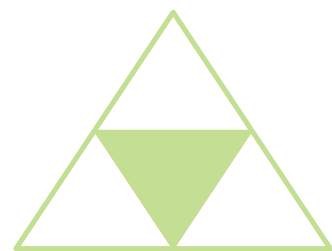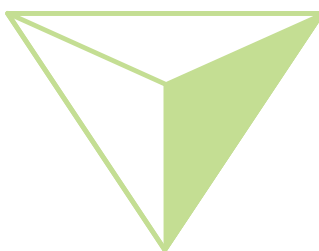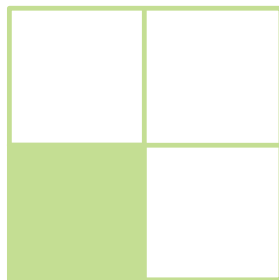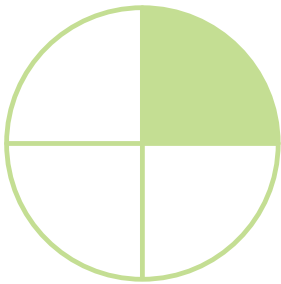
Self-Assessment ✓

I've got it !

I need more practice.

I'm confused.

☐

☐

☐

✓

Date: _____

Tick (✓) in the box of the picture where its shaded part equals one quarter.

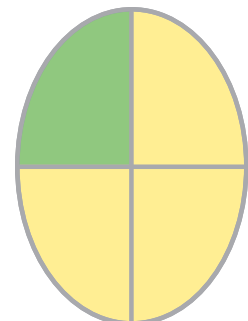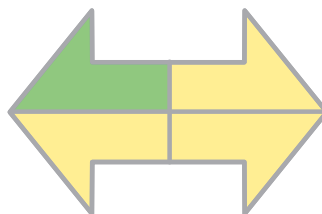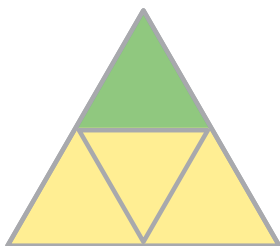**Self-Assessment** ✓
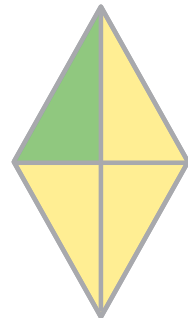
🦁 ◯ I've got it !

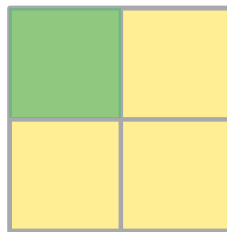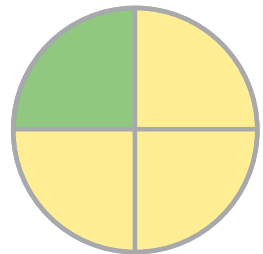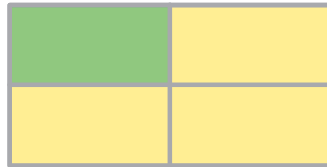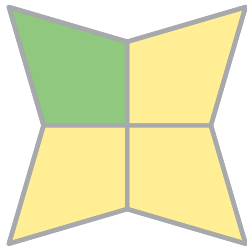🦁 ◯ I need more practice.

🦁 ◯ I'm confused.

EXERCISE 10

Date: _____

Draw lines to divide each shape into quarters. Then, colour one quarter green and the other three quarters yellow.