

# Reception-Year 1

## Summer Transition

### Activity Booklet

### Mathematics



**Lake Farm Park**  
**Academy**

Name: \_\_\_\_\_

\_\_\_\_\_

## **Instruction**

The aim of this activity booklet is to develop key areas of Mathematics to support knowledge and confidence in preparation for Year 1. Each week there will be the following:

## **Timetable**

<b>Week</b>	<b>Mathematics Focus</b>
<b>1</b>	Number (more than/less than) and number sequences.
<b>2</b>	Number bonds to 10 and 20.
<b>3</b>	Addition, subtraction and division.
<b>4</b>	2D and 3D shapes.
<b>5</b>	Position and measurement.
<b>6</b>	Capacity, time and money.

***Remember to bring your completed pack with you on your first day in Year 1!***

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## Week 1

Can you fill in the missing numbers?

1	2	3	4				8	9
		12	13			16		

Now answer these questions:

What number comes before 14? \_\_\_\_\_

What number comes after 16? \_\_\_\_\_

What number is in the middle of 11 and 13? \_\_\_\_\_

What number is 1 less than 16? \_\_\_\_\_

What number is 1 more than 12? \_\_\_\_\_

Can you fill in the missing numbers?

13	14		16	17	18			21
22	23			26	27	28		30
	32	33				37	38	

Now answer these questions:

What number comes before 26? \_\_\_\_\_

What number comes after 39? \_\_\_\_\_

What number is in the middle of 27 and 29? \_\_\_\_\_

What number is 1 less than 37? \_\_\_\_\_

What number is 1 more than 30? \_\_\_\_\_

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## Week 1

Complete the sequences.



## Week 2

Can you help these ladybirds with their number bonds to 10?

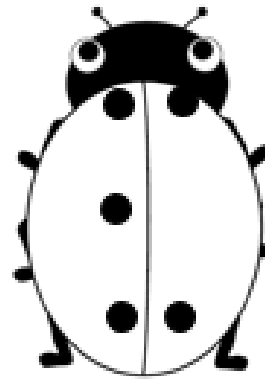
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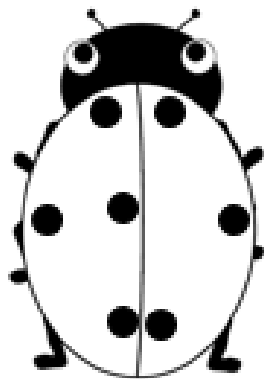
$$2 + \square = 10$$



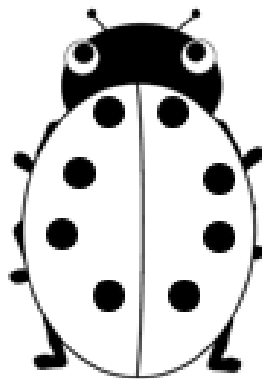
$$3 + \square = 10$$



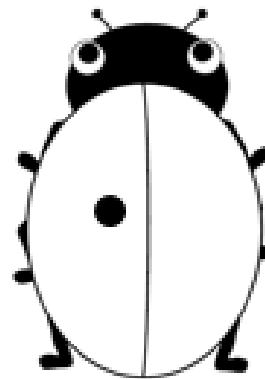
$$5 + \square = 10$$



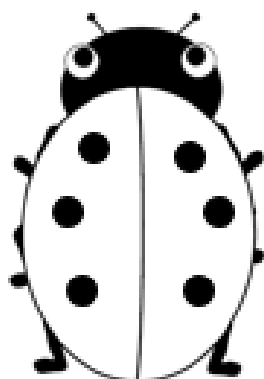
$$7 + \square = 10$$



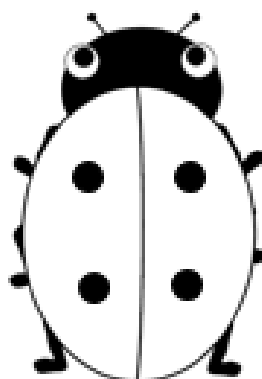
$$8 + \square = 10$$



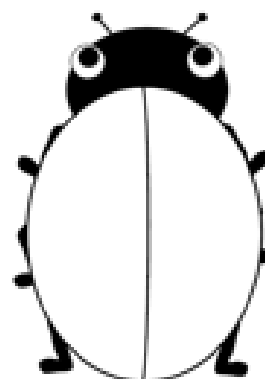
$$1 + \square = 10$$



$$6 + \square = 10$$



$$4 + \square = 10$$



$$0 + \square = 10$$

### Week 2

What do you need to add to each of these numbers to make 20?

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3	+		=		20
---	---	--	---	--	----

6	+		=		20
---	---	--	---	--	----

7	+		=		20
---	---	--	---	--	----

2	+		=		20
---	---	--	---	--	----

9	+		=		20
---	---	--	---	--	----

4	+		=		20
---	---	--	---	--	----

5	+		=		20
---	---	--	---	--	----

8	+		=		20
---	---	--	---	--	----

1	+		=		20
---	---	--	---	--	----

Using your answers, can you find these number bonds to 20? Write them as a number sentence below.

13	18	19
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1. \_\_\_\_\_

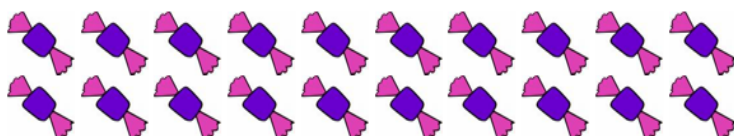
2. \_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

### Week 3

Divide these Sweets into 5 equal groups:



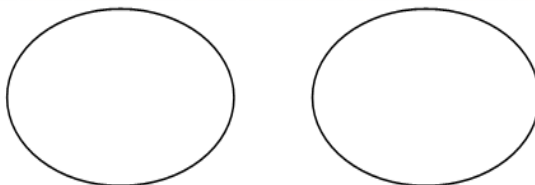
$$20 \div 5 =$$



Divide these bananas into 2 equal groups:



$$12 \div 2 =$$



Divide these cakes into 10 equal groups:



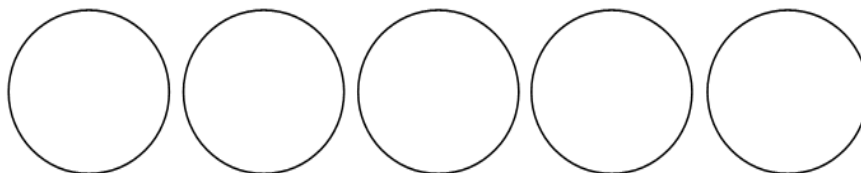
$$20 \div 10 =$$



Divide these cherries into 5 equal groups:



$$5 \div 5 =$$





### Week 3

Can you solve these addition and subtraction number sentences?

$10 + 5 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$13 + 4 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$8 + 7 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$17 + 2 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$18 - 6 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$20 - 8 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

$16 - 9 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

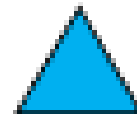
$20 - 10 = \underline{\hspace{2cm}}$ A horizontal number line with vertical tick marks at every integer from 0 to 20. The numbers are written above the tick marks in a repeating color pattern: 0 (pink), 1 (blue), 2 (yellow), 3 (pink), 4 (blue), 5 (yellow), 6 (pink), 7 (blue), 8 (yellow), 9 (pink), 10 (blue), 11 (yellow), 12 (pink), 13 (blue), 14 (yellow), 15 (pink), 16 (blue), 17 (yellow), 18 (pink), 19 (blue), 20 (yellow).

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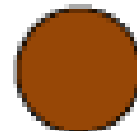
Week 4

This train has many different shapes, can you...

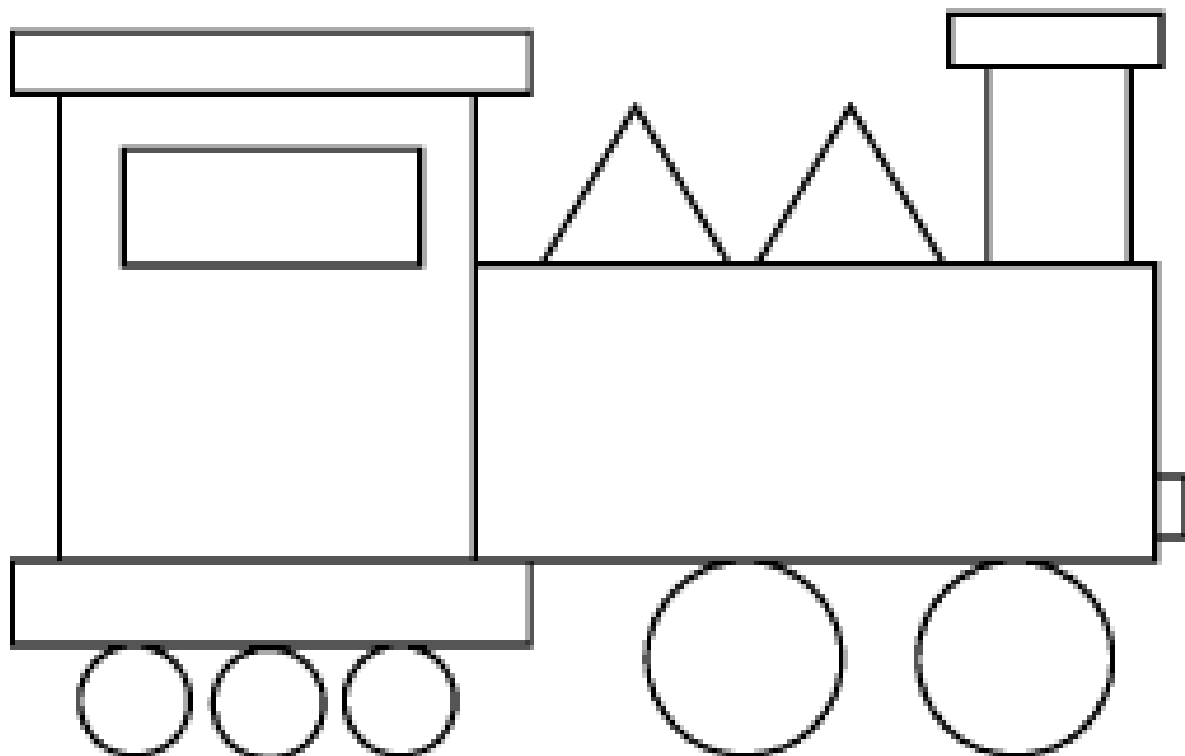
Colour the triangles blue.



Colour the circles brown.

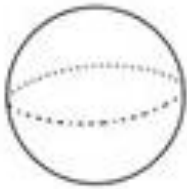


Colour the rectangles red.

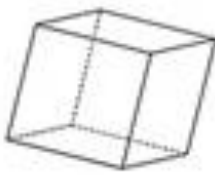


## Week 4

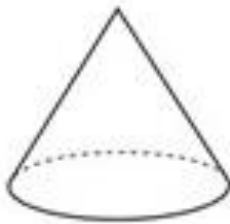
Can you draw lines to match the names to the correct shape?



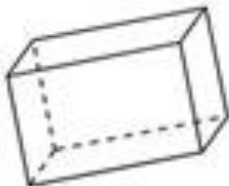
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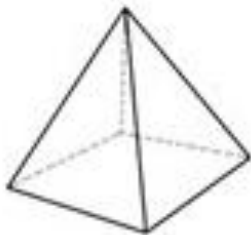
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• Pyramid

• Cone

• Sphere

• Cylinder

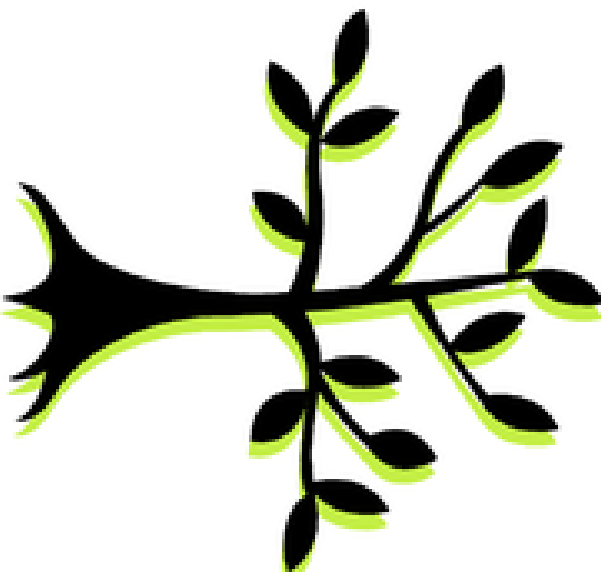
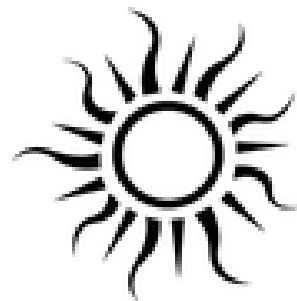
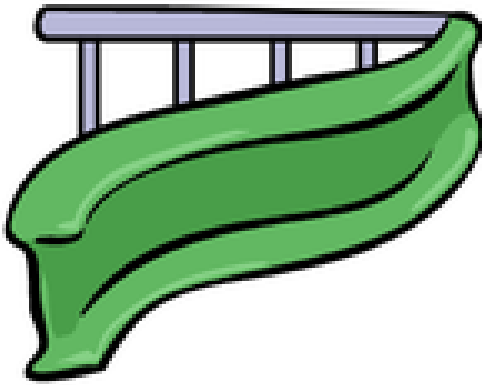
• Cube

• Cuboid

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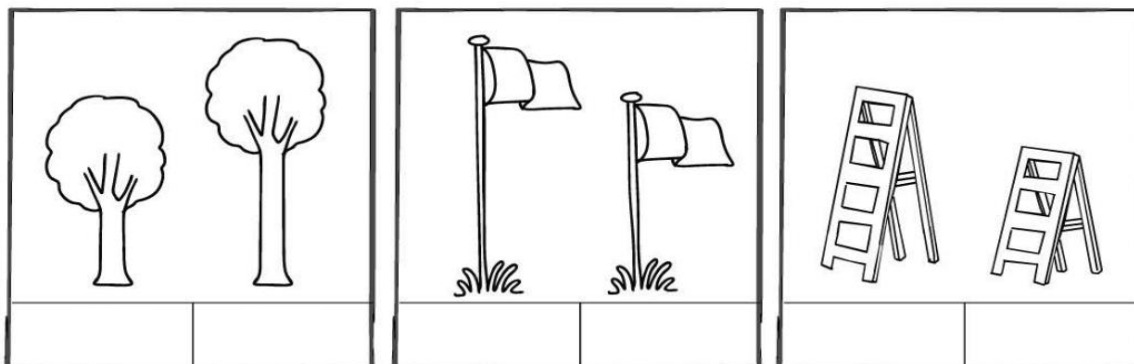
## Week 5

Draw a cat next to the tree.  
Draw a boy on the slide.  
Draw a bird above the cloud.  
Draw a koala up in the tree.  
Draw an insect below the sun.  
Draw a girl beside the flower.  
Draw a dog underneath the slide.



## Week 5

Under each picture, write an S for short and a T for tall.



Can you write down how long each ribbon is?



\_\_\_\_\_ centimeters



\_\_\_\_\_ centimeters



\_\_\_\_\_ centimeters

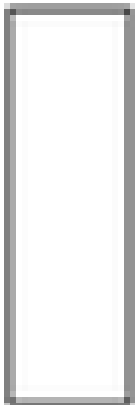
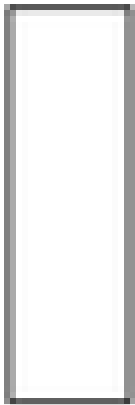
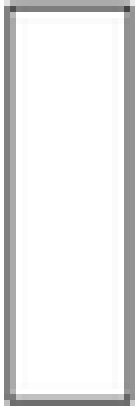
Order these from the shortest to the longest.



\_\_\_\_\_

## Week 6

Can you draw the correct amount of water in each cup and write the labels in the boxes below?



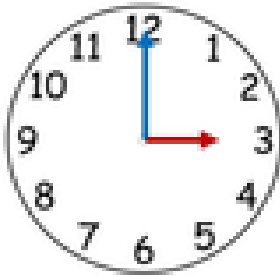
empty

full

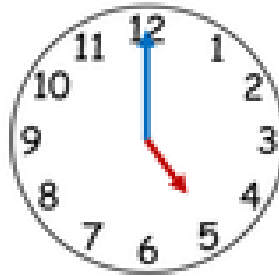
half-full

## Week 6

What time is it? Write down the time shown on each clock.



\_\_\_ o'clock

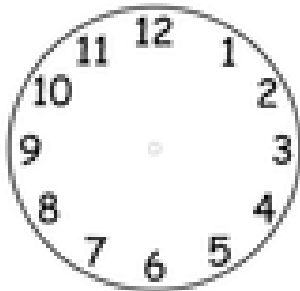


\_\_\_ o'clock

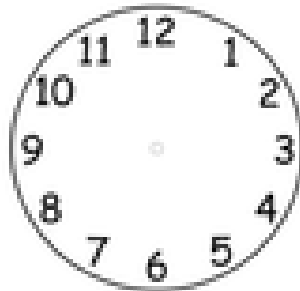


\_\_\_ o'clock

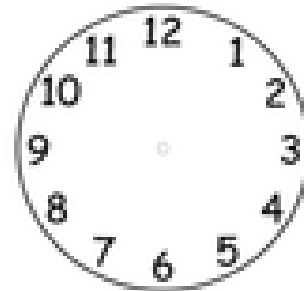
Draw the hands on the clock to show the time written under each clock.



1 o'clock



4 o'clock



8 o'clock

How much money is in each purse?



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