



ASPIRE
INTERNATIONAL SCHOOL

MATHEMATICS

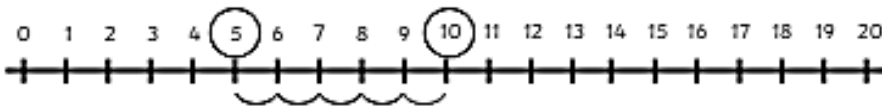
YEAR 1

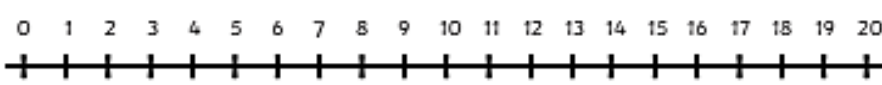
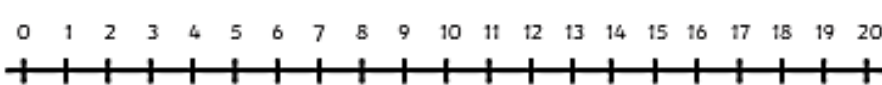
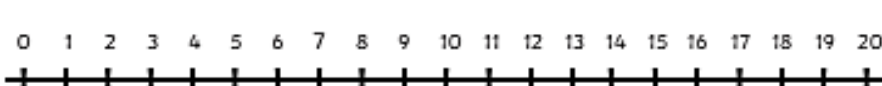
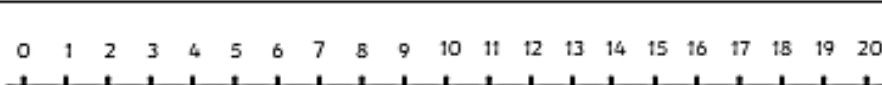
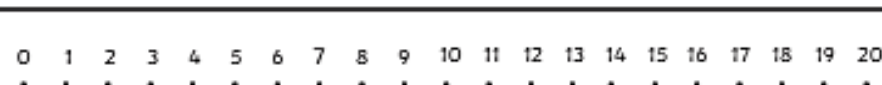
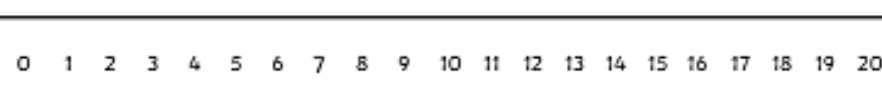
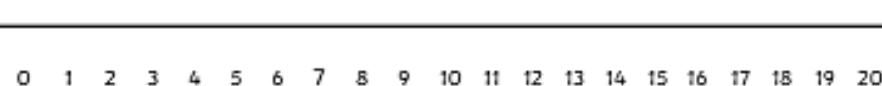
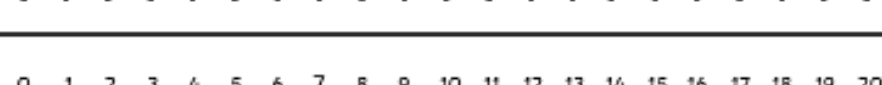
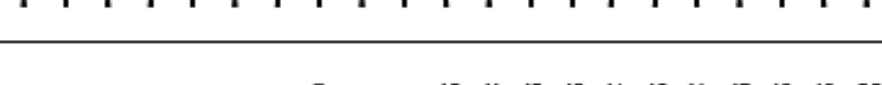
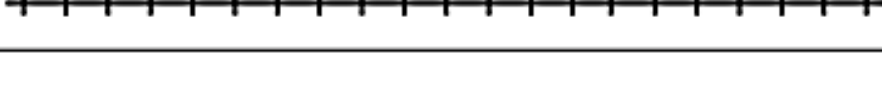


Name: _____

Class: _____

Number Line Subtraction

Example	
$10 - 5 = 5$	 A number line from 0 to 20 with tick marks every 1 unit. The numbers 5 and 10 are circled. A wavy line underneath the line connects the tick mark for 10 to the tick mark for 5, representing a subtraction of 5 from 10.

$20 - 3 = 17$	 A number line from 0 to 20 with tick marks every 1 unit.
$9 - 4 = 5$	 A number line from 0 to 20 with tick marks every 1 unit.
$18 - 2 = 16$	 A number line from 0 to 20 with tick marks every 1 unit.
$10 - 6 = 4$	 A number line from 0 to 20 with tick marks every 1 unit.
$7 - 3 = 4$	 A number line from 0 to 20 with tick marks every 1 unit.
$2 - 2 = 0$	 A number line from 0 to 20 with tick marks every 1 unit.
$3 - 1 = 2$	 A number line from 0 to 20 with tick marks every 1 unit.
$11 - 8 = 3$	 A number line from 0 to 20 with tick marks every 1 unit.
$15 - 3 = 12$	 A number line from 0 to 20 with tick marks every 1 unit.
$6 - 1 = 5$	 A number line from 0 to 20 with tick marks every 1 unit.



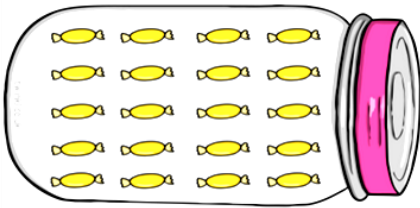
$$20 - 1 = \boxed{19}$$



$$20 - 2 = \boxed{18}$$



$$20 - 3 = \boxed{17}$$



$$20 - 4 = \boxed{16}$$



$$20 - 5 = \boxed{15}$$



$$20 - 6 = \boxed{14}$$



$$20 - 7 = \boxed{13}$$

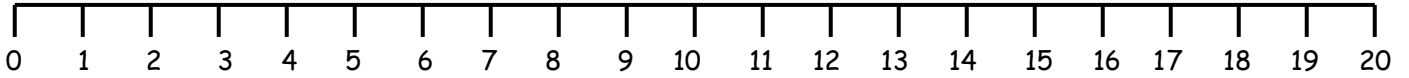
Calculate and color by number



10 - 9 brown 1
9 - 7 light green 2
11 - 8 red 3
13 - 9 yellow 4

10 - 5 dark green 5
12 - 6 blue 6
14 - 7 orange 7
12 - 4 pink 8

Subtraction to 20



Complete these sums.

1	$11 - 5 = 6$	11	$18 - 3 = 15$
2	$16 - 8 = 8$	12	$19 + 8 = 27$
3	$12 - 6 = 6$	13	$15 - 0 = 15$
4	$13 - 2 = 11$	14	$12 - 8 = 4$
5	$7 - 7 = 0$	15	$13 - 7 = 6$
6	$15 - 5 = 10$	16	$8 - 7 = 1$
7	$17 - 3 = 14$	17	$14 - 9 = 5$
8	$19 - 6 = 13$	18	$20 - 4 = 16$
9	$20 - 1 = 19$	19	$13 - 9 = 4$
10	$14 - 4 = 10$	20	$10 - 6 = 4$

Fill in the blank squares to complete the sums.

$$\boxed{20} - \boxed{10} = 10$$

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

$$\boxed{19} - \boxed{9} = 10$$

$$\boxed{20} - \boxed{15} = 5$$

$$\boxed{18} - \boxed{8} = 10$$


$$\boxed{11} - \boxed{6} = 5$$

$$\boxed{17} - \boxed{7} = 10$$


$$\boxed{12} - \boxed{7} = 5$$

Counting coins

1 Count the coins and write the amount shown.

a  = p


b  = p

c  = p

d  = p

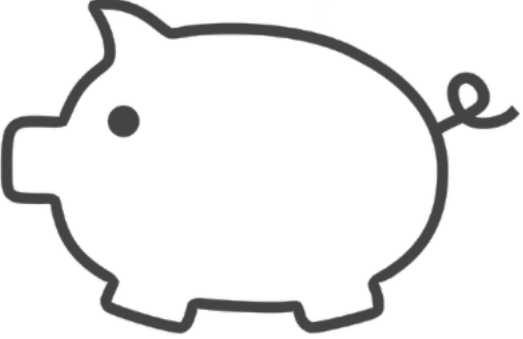
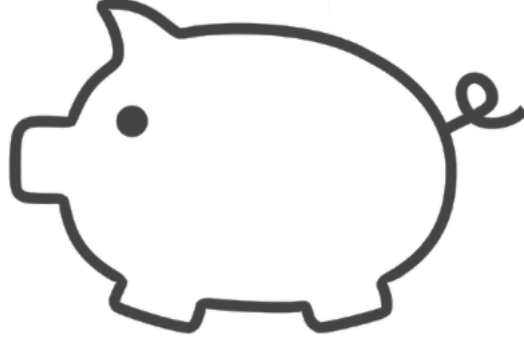
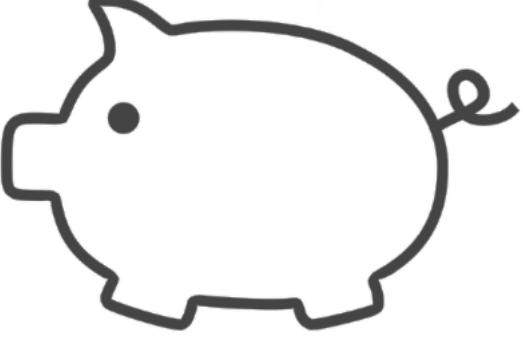

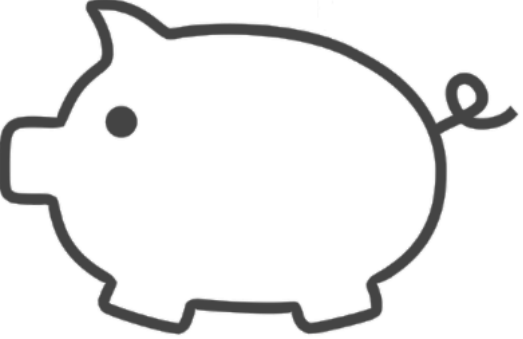

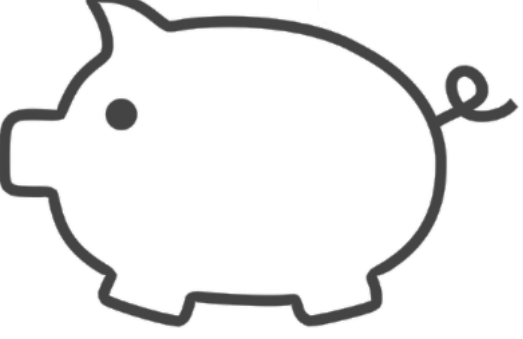
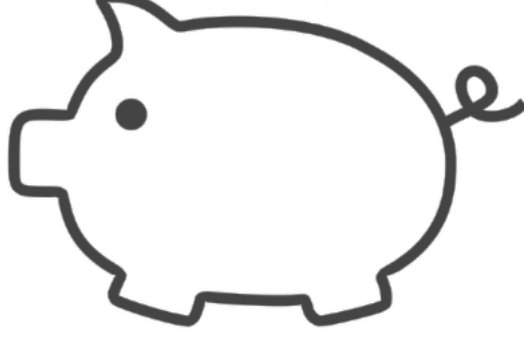
e  = p

f p = 

g p = 

h p = 

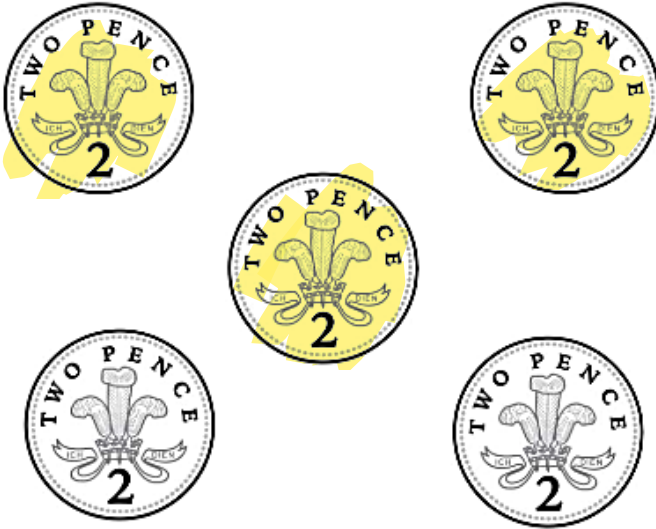
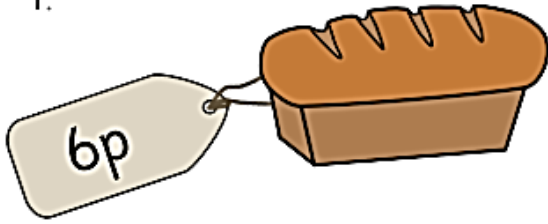
Draw money in each of the piggy banks to show the amounts.

a 	b 
3p	7p
c 	d 
11p	24p
e 	f 
40p	35p
g 	h 
21p	13p

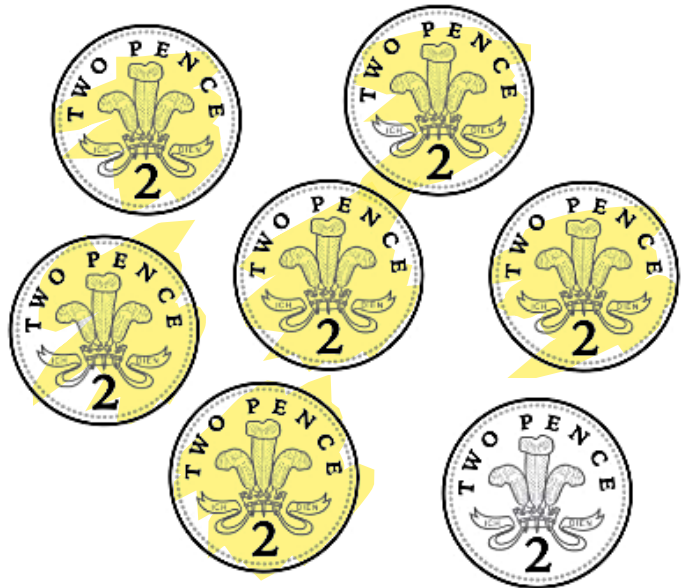
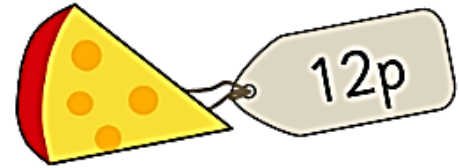


Colour the correct amount of coins to buy each object.

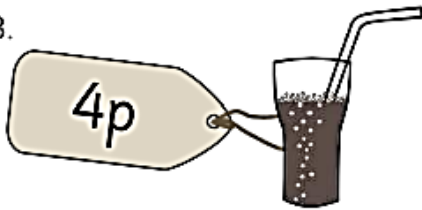
1.



2.



3.



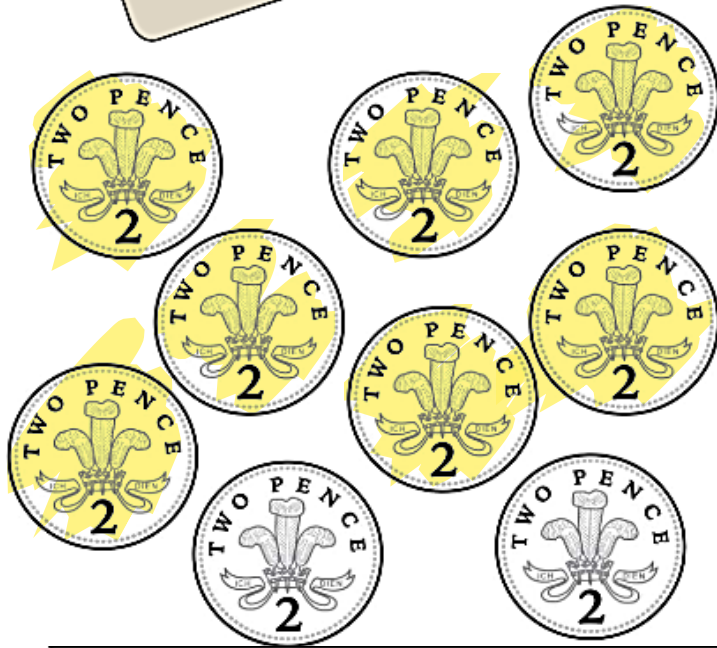
4.



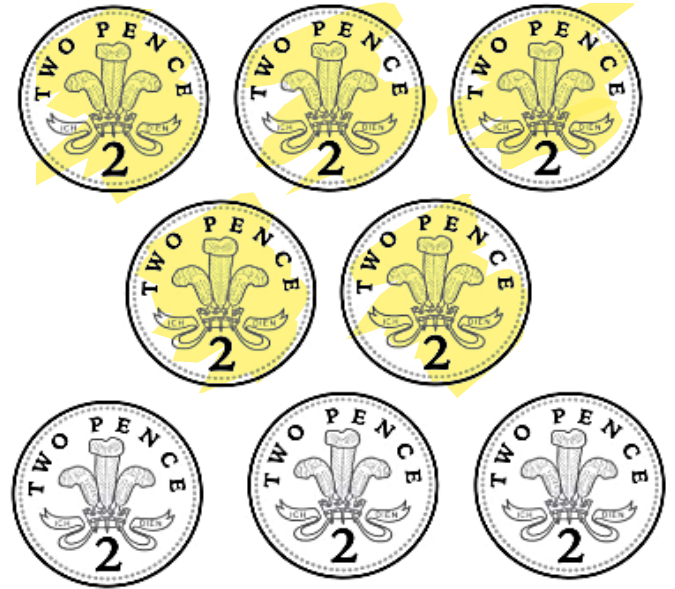


Colour the correct amount of coins to buy each object.

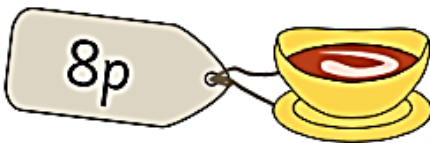
1.



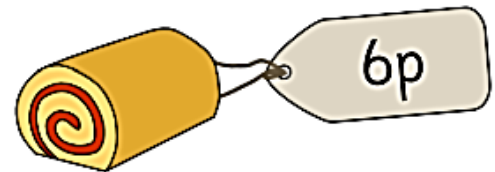
2.



3.

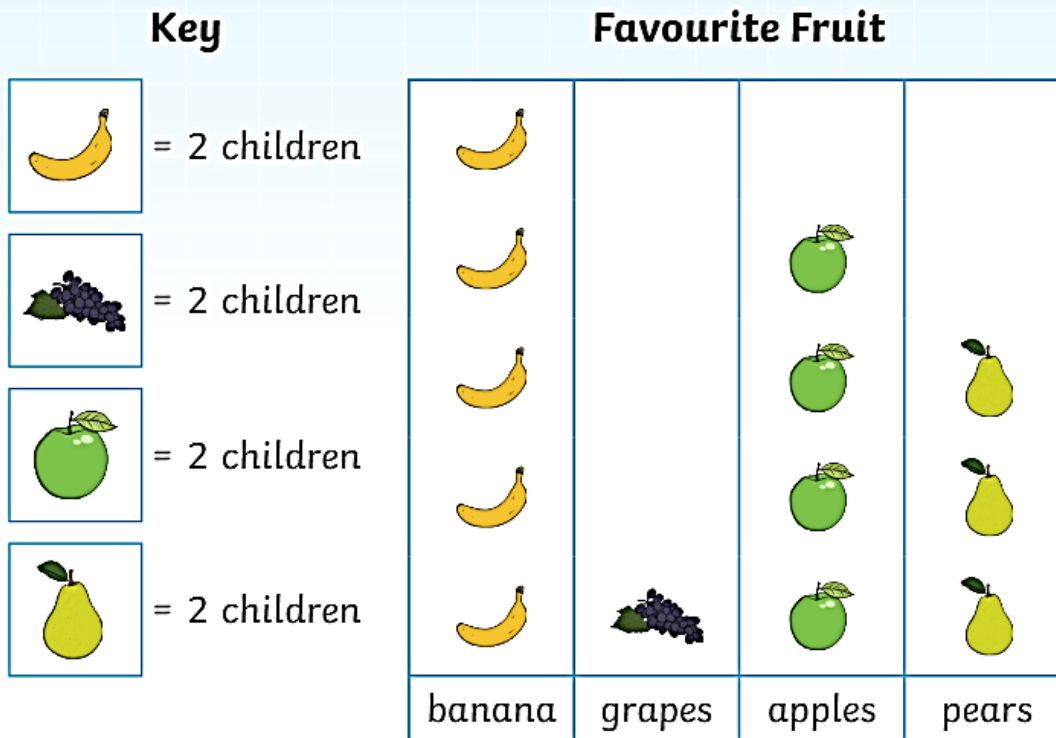


4.



Interpreting Scaled Pictograms

Look at the pictogram and answer the questions.



What is the most popular favourite fruit? banana

How many children chose apples as their favourite fruit? 8

How many more children chose bananas than grapes as their favourite fruit? 8

How many children chose apples or pears as their favourite fruit? 14

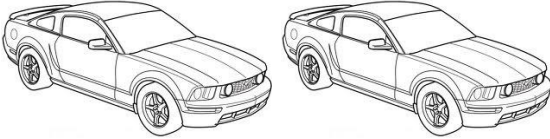


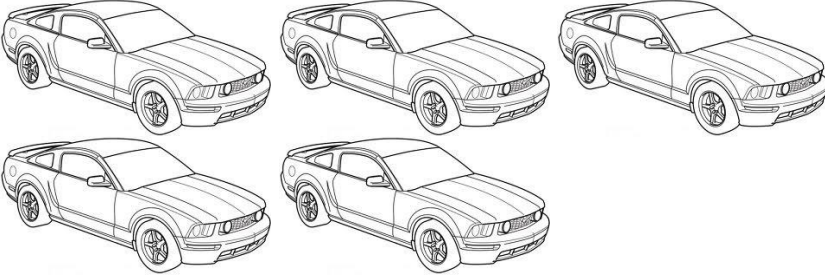
Write your own questions for a friend.

Answers may vary.

Target: I can use a pictogram to answer questions.

This **pictogram** shows how many cars were in Matt the mechanic's garage last week.

How many cars were in the garage each day?

Day of the week	Amount of cars	Number
Monday		2
Tuesday		1
Wednesday		3
Thursday		0
Friday		5

Use the **pictogram** to answer these questions. Remember to read the questions carefully!

On which day was there **only 1** car in the garage?

.....Tuesday.....

On which day were the **most** amount of cars in the garage?

.....Friday.....

On which day were the **least** amount of cars in the garage?




























.....Thursday.....

How many cars were there **altogether**?

.....11.....

Me:	Learning Objective:	Teacher:
	I can use a pictogram to answer questions.	

A Pictogram Showing the Fruit in a Fruit Bowl

Apples							
Pears							
Oranges							
Bananas							
Peaches							
Plums							

How many pears were in the bowl? 6

How many bananas were in the bowl? 5

How many plums were in the bowl? 3

How many oranges were in the bowl? 4

Of which fruit was there the **most**? Apples

Of which fruit was there the **least**? Peaches



















How many **more** apples were there than oranges? 3


How many **fewer** peaches were there than bananas? 3

How many pieces of fruit were in the bowl **altogether**? 27

A group of children voted for their favorite toys.

Number of children who voted

 Toy car					
 Ball					
 Teddy bear					
 Doll					

 = 1 child

1. How many children voted for the doll?

4

2. How many children voted for the teddy bear?

3

3. What toy is liked the most by the children?

Toy car

4. What toy is liked the least by the children?

Ball

5. How many children voted in total?

14

Put the words in the correct positions in the Carroll Diagram:

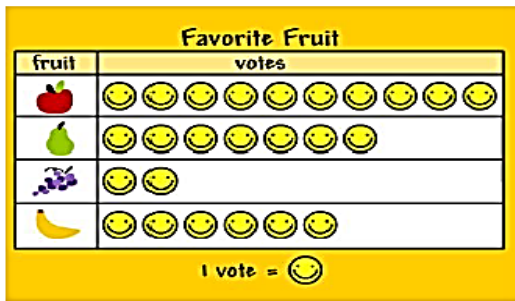
Pat Pete goat rat

	Animal	Name
3 Letter Word	rat	Pat
4 Letter Word	goat	Pete

Put the letters in the correct positions in the Carroll Diagram:

U o W j

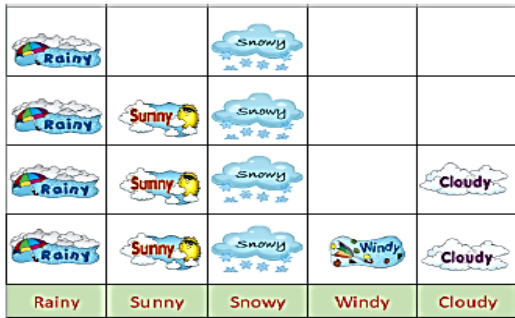
	Uppercase	Lowercase
Vowel	U	o
Consonant	W	j



1.

How many students like bananas and grapes?

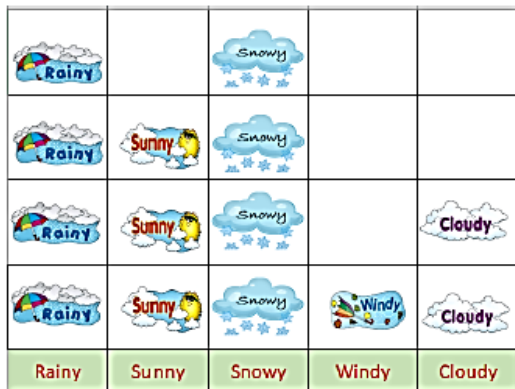
- a) 6
- b) 5
- c) 7
- d) 8



2.

Which types of weather have the same number of pictures?

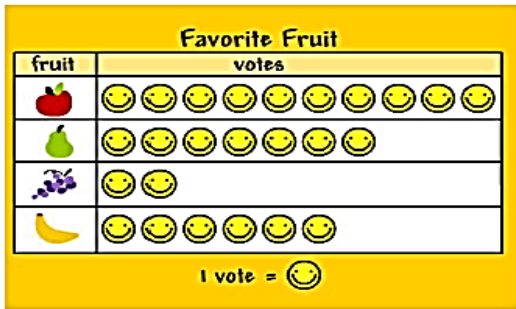
- a) Rainy and Sunny
- b) Snowy
- c) Rainy and Snowy
- d) Rainy



3.

Among Sunny, Windy and Cloudy, which one is the most common?

- a) Cloudy
- b) Windy
- c) Sunny



4.

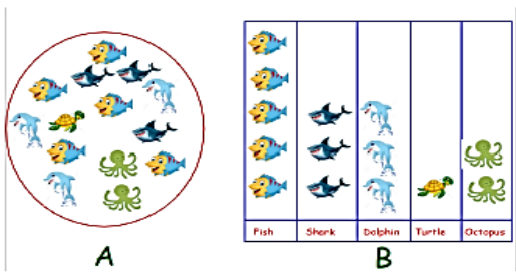
Based on this pictogram, what is the most favourite fruit?

a) Apple

c) Guava

b) Grape

d) Banana

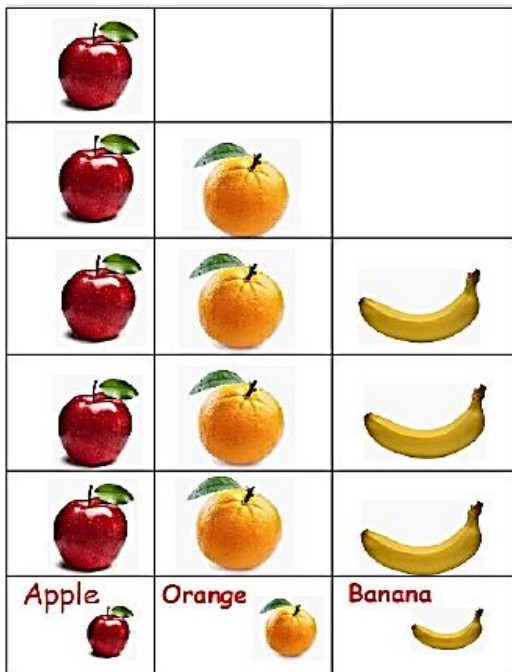


5.

Which one is a pictogram?

a) B

b) A



6.

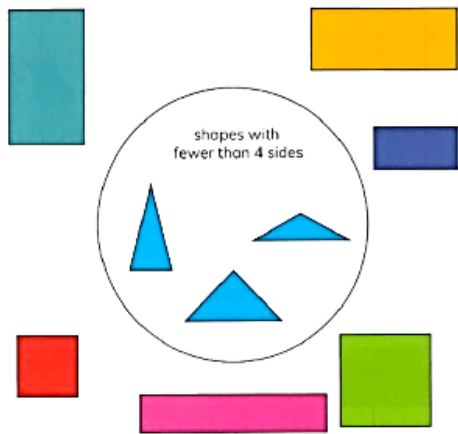
How many fruits in total?

a) 12

c) 4

b) 3

d) 5



7.

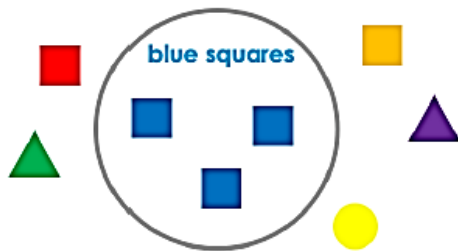
How many shapes are there altogether?

a) 8

b) 9

c) 6

d) 7



8.

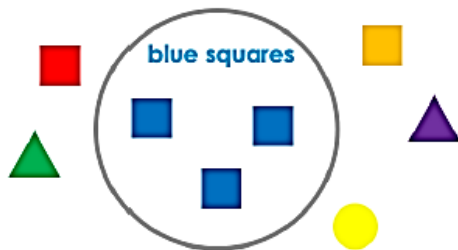
How many blue squares are there?

a) 3

b) 2

c) 1

d) 4



9.

How many shapes are not blue squares?

a) 4

b) 5

c) 6

d) 7

10.

How many shapes are there in total?

a) 10

b) 8

c) 9

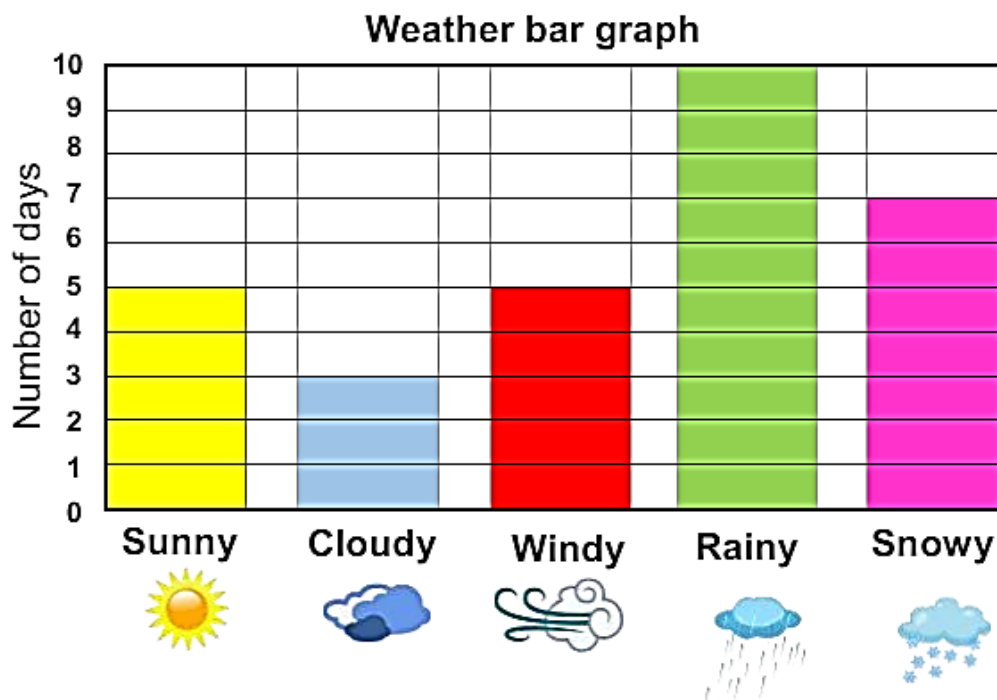
d) 7

11. A Carroll diagram uses a table to sort shapes, images and numbers.

a) false

b) true

Look at the bar graph and answer the questions.



1. How many days were sunny?

a. 3

b. 5

c. 7

2. How many days were rainy?

a. 8

b. 9

c. 10

3. How many more snowy days were there than cloudy days?

a. 4

b. 5

c. 7

4. How many fewer windy days were there than rainy days?

a. 5

b. 8

c. 10

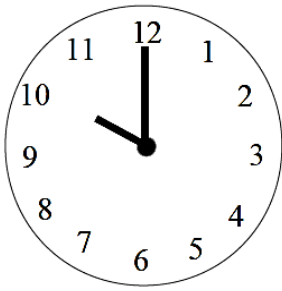
5. How many days were sunny and snowy?

a. 8

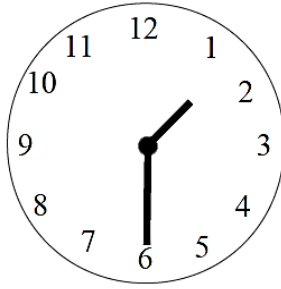
b. 12

c. 15

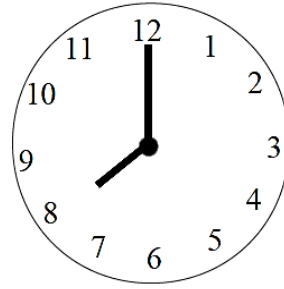
Write the time each clock shows on the lines below:



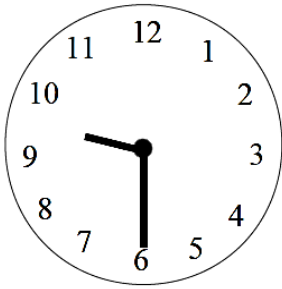
10 o'clock



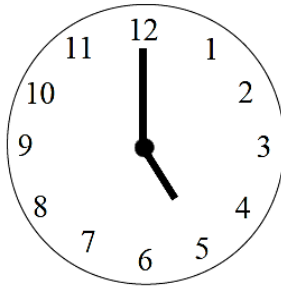
Half past 1



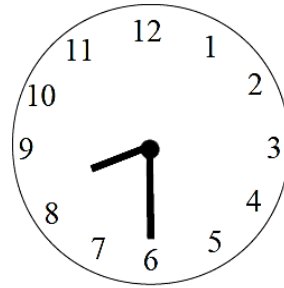
8 o'clock



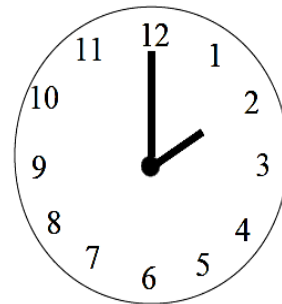
Half past 9



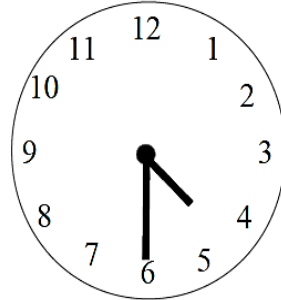
5 o'clock



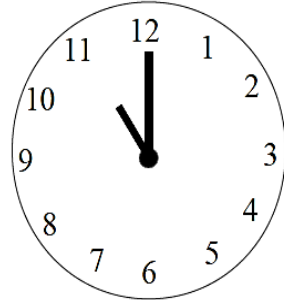
Half past 8



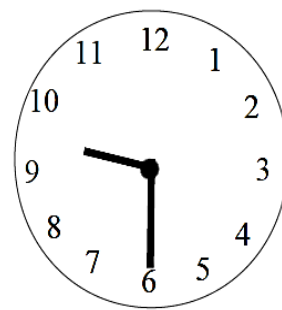
2 o'clock



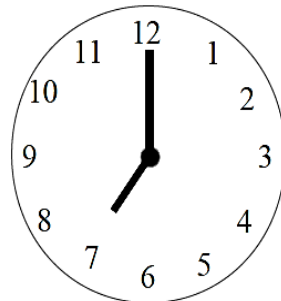
Half past 4



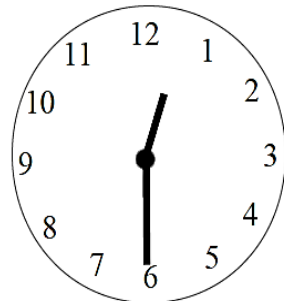
11 o'clock



Half past 9

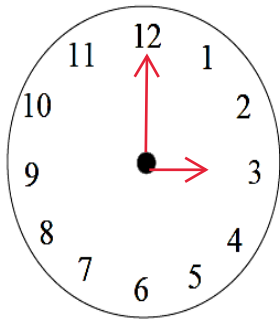


7 o'clock

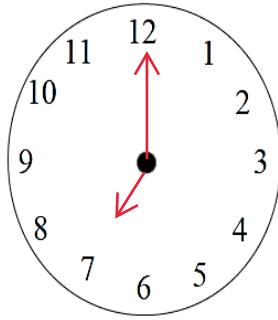


Half past 12

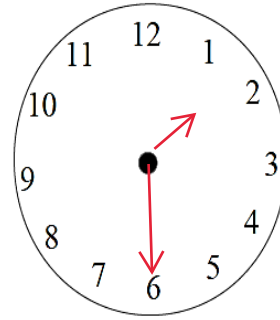
Draw the clock hands for the times written below:



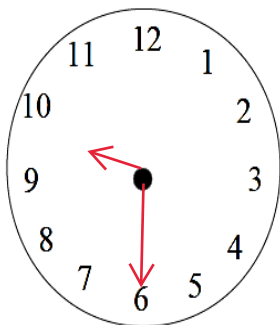
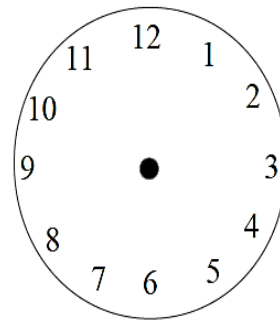
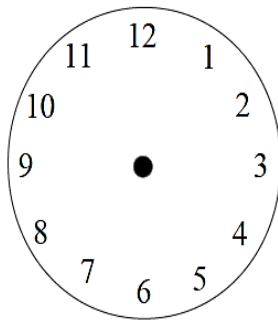
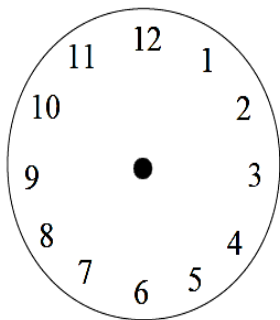
3 o'clock



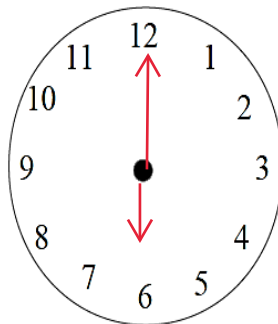
7 o'clock



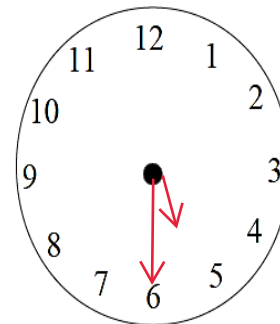
Half past 1



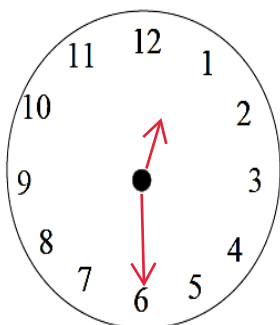
Half past 9



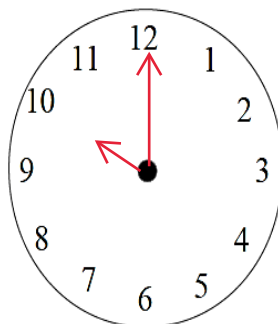
6 o'clock



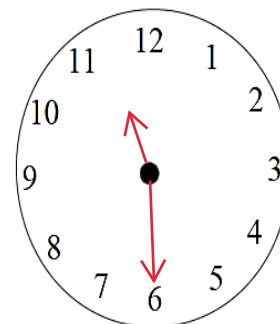
Half past 5



Half past 12



10 o'clock



Half past 11

Match the clocks to the correct time.



Half past 10



Half past 7



Half past 2



Half past 11



Half past 5



Half past 12

What time is shown on each of the clocks?

Half past <u>8</u>	Half past <u>1</u>	Half past <u>4</u>
Half past <u>3</u>	Half past <u>6</u>	Half past <u>9</u>

Problem solving and reasoning cards:

Draw the next clock in the sequence.



The next time in the sequence is:

Half past 1

True or false?

- a) Two hour later than half past 3 is half past five. True
- b) Half an hour later than 1 o'clock is half past 12. False
- c) For half past times, the hour hand will be on 6. True
- d) At half past 7 the hour hand will be half way between 6 and 7. True



Circle the clock that shows an incorrect time.

What mistake has been made?



I went to the shop one and a half hours after 1 o'clock.

What time did Kat go to the shop?

Half past 2

It is likely that Kat did this on a weekend. Can you explain why?

The hour hand should be between 7 and 8. Yes as she would be at school at this time.

Colour the time that is 5 hours later than the time shown on the clock.



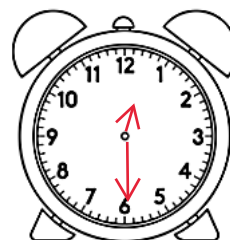
Half past 2

Half past 3

Half past 4

Dan is at school eating his lunch. It is half past 12.

Draw and write the most likely time.



The most likely time is:

Half past 12

Target: to identify the days of the week and months of the year

We have been learning the names and ordering the days and months.
Can you colour days green and the months blue?

Sunday	Thursday	Saturday	April	January
October	August	July	June	Tuesday
Friday	December	May	Wednesday	March
September	Monday	February	November	

Now can you write the days of the week in the correct order?

Sunday Monday Tuesday Wednesday Thursday
Friday Saturday

What days make up the weekend? Friday and Saturday

What day is it today? Depends on which day this page was answered.

What day is it tomorrow? Depends on which day this page was answered.

What day was it yesterday? Depends on which day this page was answered.

Can you write the months of the year in the correct order?

January February March April May June
July August September October November December

What month is this month? June

What month is next month? July

What month was last month? May

What month is your birthday? Answers may vary

Days of the Week

Yesterday and tomorrow

yesterday	today	tomorrow
Tuesday	Wednesday	Thursday
Sunday	Monday	Tuesday
Wednesday	Thursday	Friday
Monday	Tuesday	Wednesday
Saturday	Sunday	Monday
Friday	Saturday	Sunday
Thursday	Friday	Saturday

Monday

Tuesday

Wednesday

Thursday

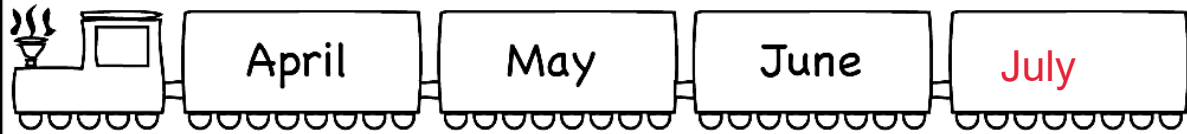
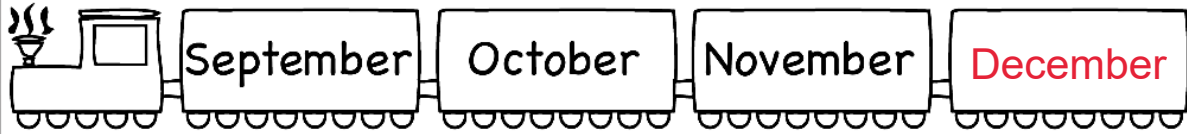
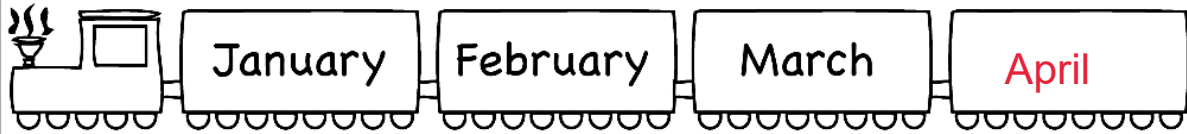
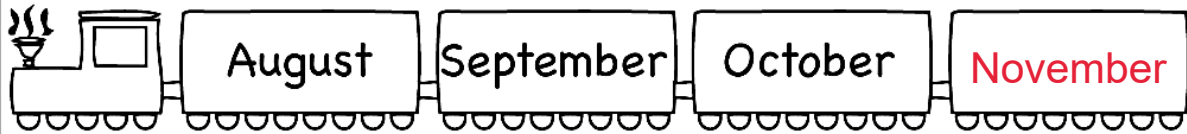
Friday

Saturday

Sunday

Months of the Year

Which month comes next?



January

February

March

April

May

June

July

August

September

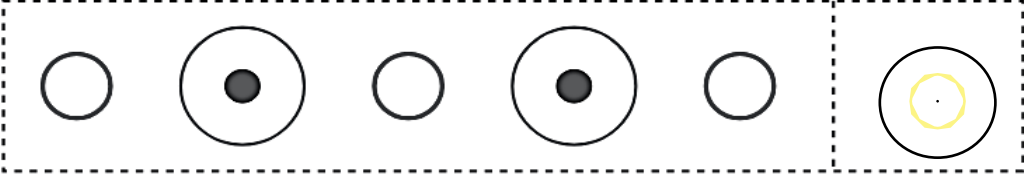
October

November

December

Shape Patterns

Draw the shape that comes next

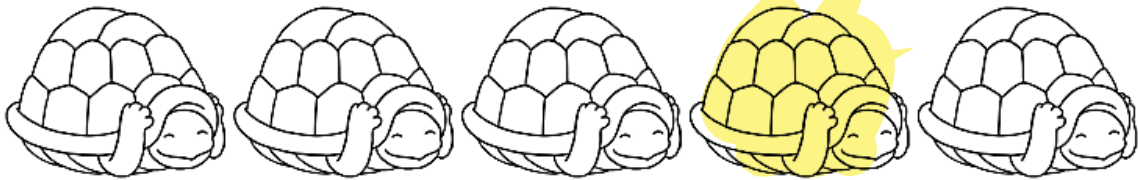


Ordinal Numbers

Colour in the **9th** mouse



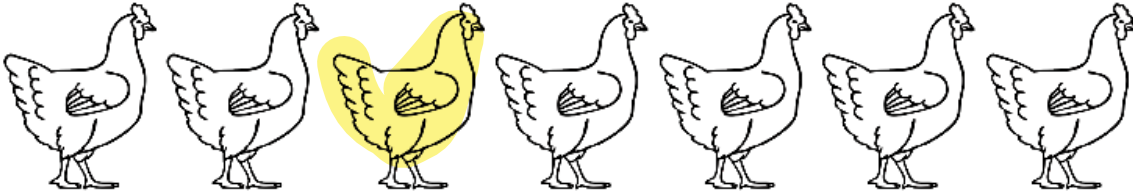
Colour in the **4th** tortoise



Colour in the **1st** guinea pig



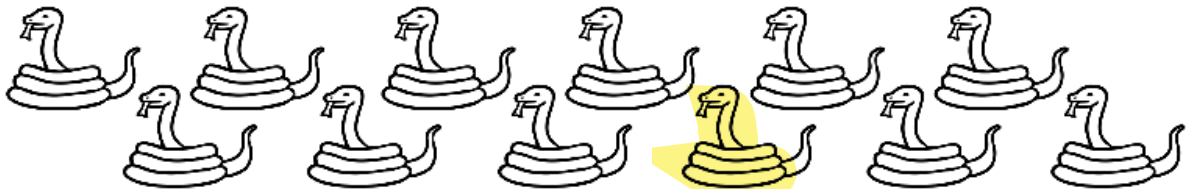
Colour in the **3rd** chicken



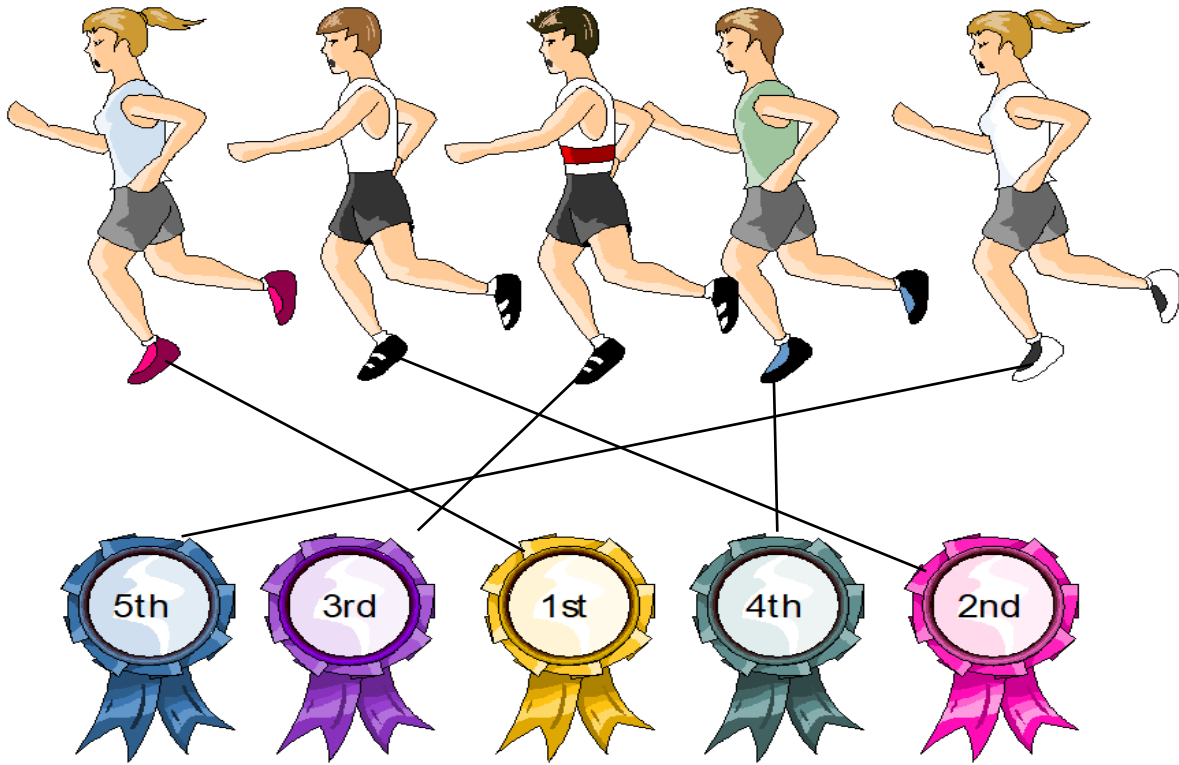
Colour in the **7th** dog



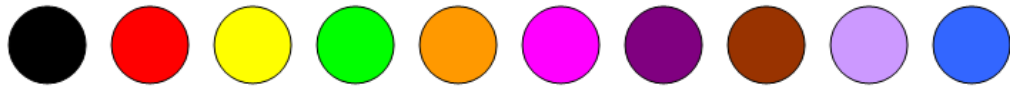
Colour in the **10th** snake



Match each rosette to the correct runner.



Colour in the answers.



Which colour is second?



Which colour is last?



Which colour is fifth?



Which colour comes after the third colour?



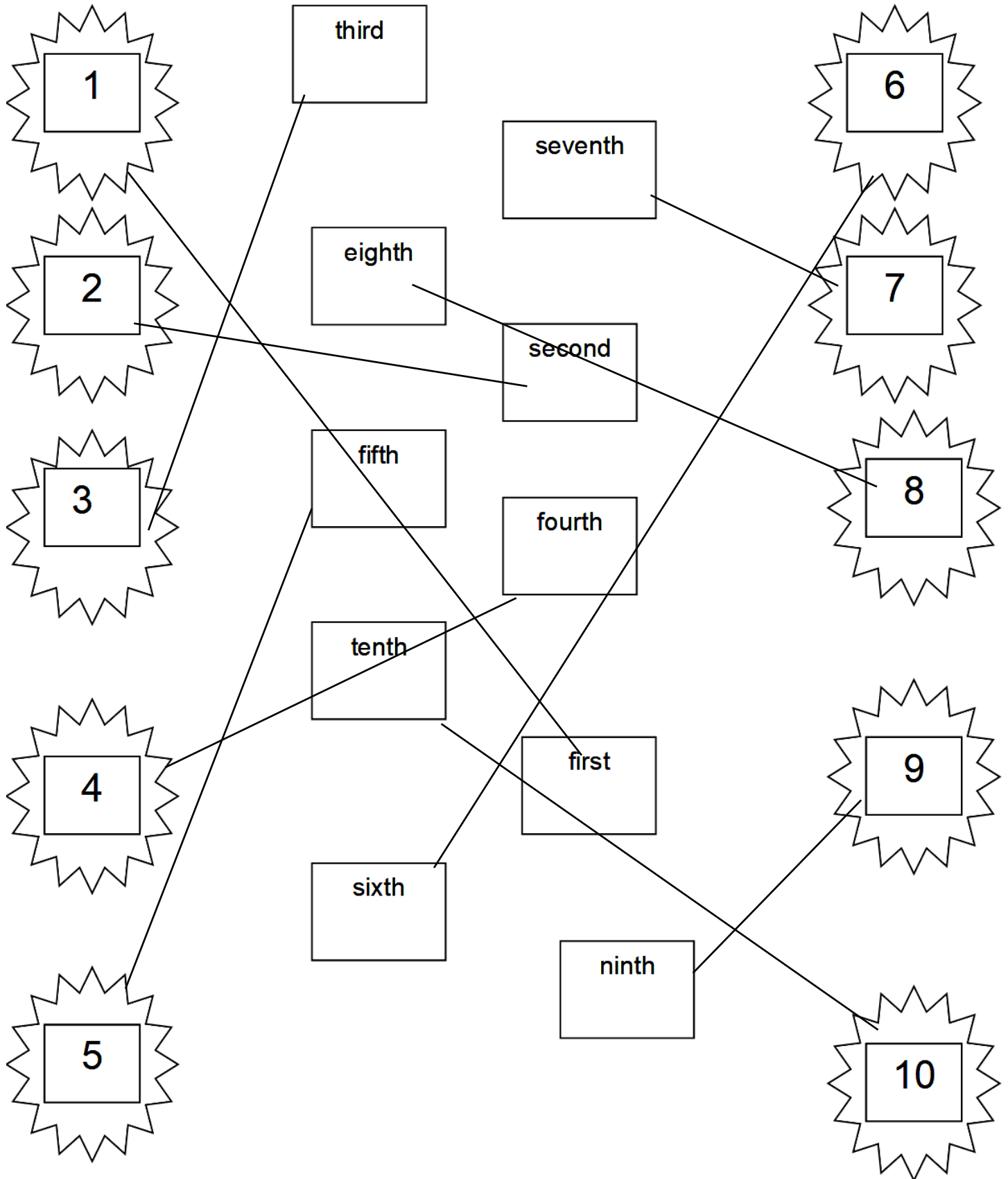
Which colour comes before the seventh?



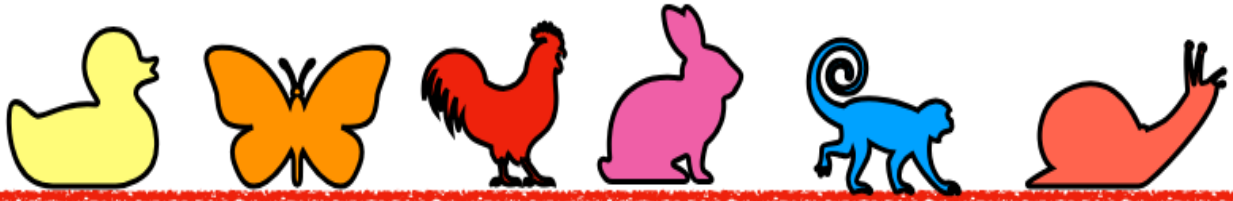
Which colour comes before the tenth?



Match the rosettes.



Position Words: Choose the correct word from the box.



between before after first fourth

a. The butterfly is between the rooster and the duck.


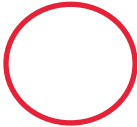



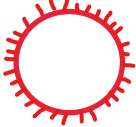



b. The rabbit is fourth.

c. The rabbit is before the monkey.

d. The snail comes after the monkey.

e. The duck is first.

© I can follow instructions to place symbols in the graph.

1. Draw a triangle Δ **above** the apple . 

2. Tick \checkmark the box **below** the heart 

3. Make a cross **X** **next to** the star 

4. Draw a circle  **to the left** of the face 

5. Draw a sun  **to the right** of the spider  .

Answer the following word problems

If you had 10 glass bottles and 3 of them smashed, how many of them would you have left?



$$10 - 3 = 7$$

If you had 5 ice cubes and 2 of them melted, how many would you have left?



$$5 - 2 = 3$$

If you had 20 squares of chocolate and you ate 15 of them, how many would you have left?



$$20 - 15 = 5$$

If you had 5 birds in your garden and 1 of them flew away, how many birds would you have left?



$$5 - 1 = 4$$

If you had 10 currant buns and 8 of them have been eaten, how many of them would you have left?



$$10 - 8 = 2$$

If you had 5 books and you have read 3 of them, how many would you have left?



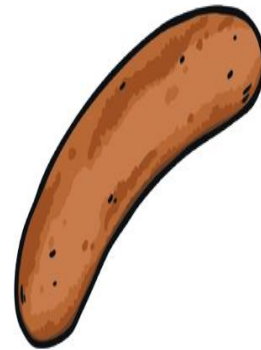
$$5 - 3 = 2$$

If you had 20 jelly beans and you have eaten 6 of them, how many would you have left?



$$20 - 6 = 14$$

If you had 10 sausages in a pack and you have cooked 4 of them, how many sausages would you have left in the packet?



$$10 - 4 = 6$$
