

# Year 2 homework

## L.O. I can make and interpret tally charts

Draw tally marks to represent each number

5

10

4

16

There are some socks on a washing line.  
The socks are spotty, stripy or plain.



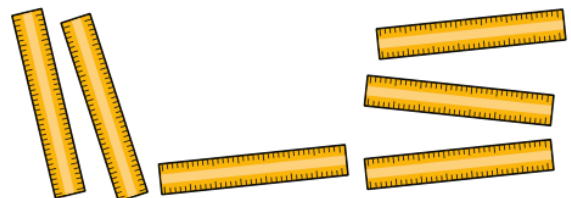
Complete the tally chart.

Sock	Tally
spotty	
stripy	
plain	

Class 2 tally the number of pencils, rubbers and rulers they have.

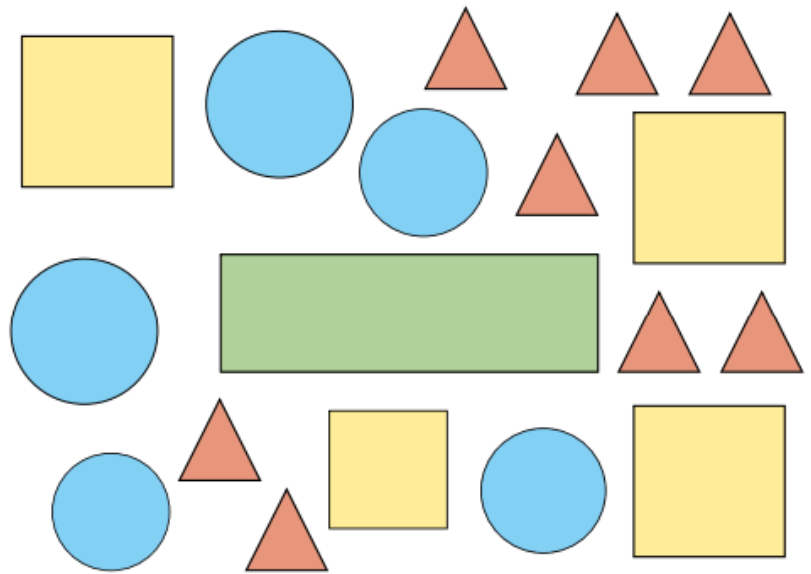
Item	Tally
pencils	IIII
rubbers	IIII IIII
rulers	IIII I

Draw the items. The rulers have been done for you



Here are some shapes

Complete the tally chart to show how many of each shape there are



Shape	Tally	Total

Whitney, Teddy and Jack make a tally chart for how many jumps they can do in a minute

Jumps	Tally	Total
Whitney	HHI	
Teddy	IIIIIIII	
Jack	IIII	



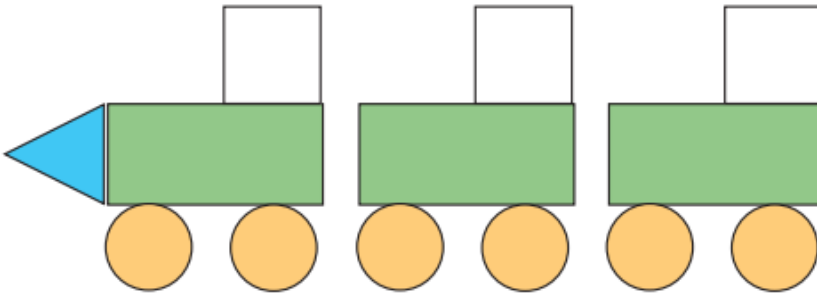
Find the total for each child.

Do you agree with Whitney? Explain your reasons

### 3.3.20

#### L.O. I can draw pictograms

Some children have been making a picture out of shapes



Complete the pictogram to show how many of each shape they used

Shape	
Square	
Rectangle	
Circle	
Triangle	

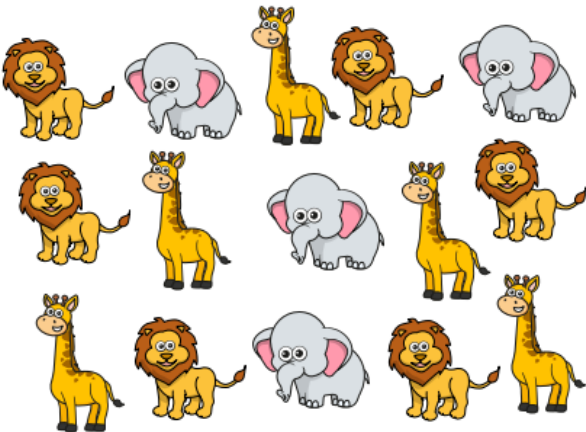
#### Key

X = 1 shape

What do you notice about the number of squares and rectangles?

There are some animals in a zoo

Complete the pictogram to show how many of each animal there are



#### Key

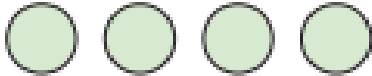
● = 1 animal

Animal	
Lion	
Elephant	
Giraffe	




There are pencils, rubbers and rulers in a tub

Use the tally chart to complete the pictogram

Item	Tally
pencils	IIII
rubbers	IIII IIII
rulers	IIII I

Item	
Pencils	
Rubbers	
Rulers	

Mo has drawn a pictogram for the same items. Here is his pictogram

Item	
Pencils	
Rubbers	
Rulers	

What mistake has he made? How could he make it better?

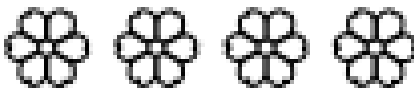
There are some flowers in a garden.

- There are 4 sunflowers.
- There is 1 less daffodil than there are sunflowers.
- There are twice as many daisies as daffodils.
- There is the same number of tulips as daffodils.

a) Complete the pictogram.

Key

 = 1 flower


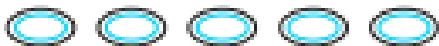
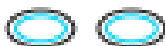
Flower	
Sunflowers	
Daffodils	
Daisies	
Tulips	

b) How many flowers are in the garden in total?

4.3.20

L.O. I can interpret pictograms

The pictogram shows what some teachers had for school lunch.

Lunch	
Fish	
Chicken	
Spaghetti	
Salad	

Key

 = 1 lunch

a) Which lunch did the most teachers have?  
Tick your answer.



fish      chicken      spaghetti      salad


b) Which lunch did the least teachers have?  
Tick your answer.

fish      chicken      spaghetti      salad

c) How many teachers had chicken?

The pictogram shows how many insects Class 2 saw on a bug hunt.

Insect	
Butterfly	
Bee	
Caterpillar	

**Key**  
 = 1 insect

a) Complete the sentences.

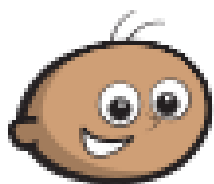
Class 2 saw  butterflies.

Class 2 saw  bees.

Class 2 saw  caterpillars.

Altogether Class 2 saw  insects.

b)

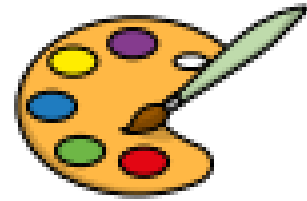


Last summer I saw a bee hive. I do not think I could draw a pictogram to show all the bees.

Do you agree with Tommy?

Class 1 were asked to choose their favourite colour out of yellow, green, blue and purple.

The pictogram shows the results.



Colour	
Yellow	
Green	
Blue	
Purple	

Key

 = 1 child

a) How many children chose yellow?

b) How many children chose green?

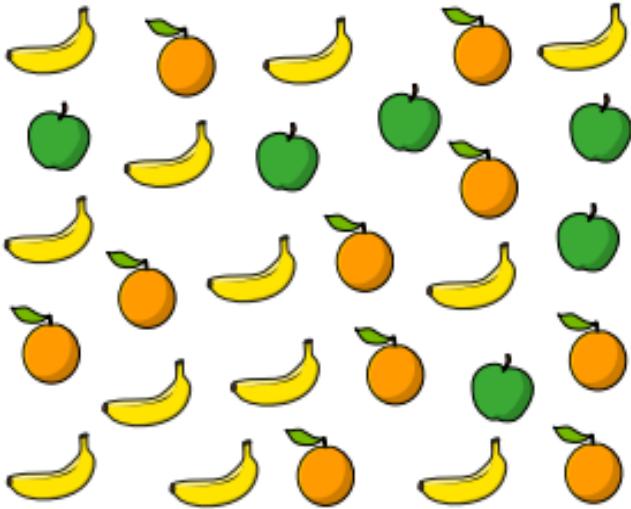
c) How many more children chose purple than blue?

How did you work this out?

5.3.20

L.O. I can draw pictograms

Here is some fruit.



a) Complete the tally chart.

Fruit	Tally	Total
Apples		
Oranges		
Bananas		

b)



I will use a circle for each piece of fruit.

Draw Dora's pictogram.

Key

= 1 piece of fruit

Fruit	
Apples	
Oranges	
Bananas	

c)



I will use a circle for every 2 pieces of fruit.

Draw Tommy's pictogram.

Key

= 2 pieces of fruit

Fruit	
Apples	
Oranges	
Bananas	

d) Whose pictogram do you prefer? Why?

The tally chart shows the weather for 55 days.

Weather	Tally
Sun	
Cloud	
Rain	

Weather	

Key

Draw a pictogram to show this information.


Choose your own key


Class 2 vote for whether they would like to play tennis, football or netball.

The tally chart shows the votes.


Sport	Tally	Total
Tennis		5
Football		20
Netball		10


a) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	

Key  
 = 5 votes

b) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	

Key  
 = 10 votes

Anna is drawing a pictogram to show Year 2's hair colours.

Hair Colour	Number of Children ● = 10 children
Black	● ● ● ●
Brown	● ● ●
Blonde	

Anna says,

I must draw 20 circles to show 20 children have blonde hair.



Is she correct? Explain your answer.


Ed is drawing a pictogram to show Year 2's favourite drinks.

Drinks	Number of Children ● = 10 children
Orange	● ●
Cola	●
Water	
Milk	● ● ●

Ed says,

I must draw 30 circles to show 30 children like water.



Is he correct? Explain your answer.


Roll a dice 40 times and complete the tally chart below.

Rolls of a dice	

Using the data you have collected, decide whether a value of 2, 5 or 10 would be the most appropriate for your pictogram.

## 6.3.20

### L.O. I can draw and interpret block diagrams

This block diagram shows children's favourite colours.

1. Which colour is the most popular?

\_\_\_\_\_

2. How many people chose blue as their favourite?

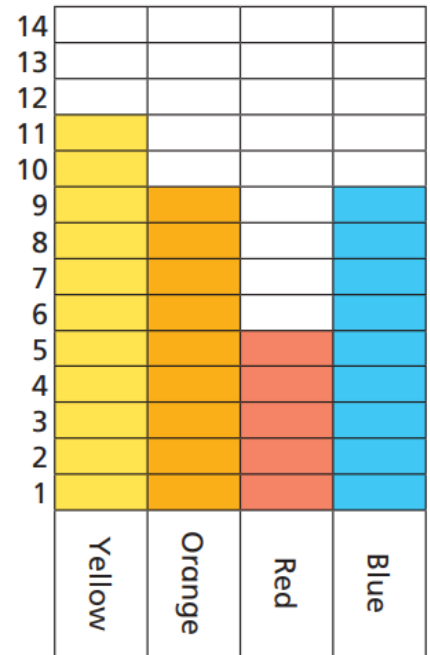
3. Which colour is least popular?

\_\_\_\_\_

4. How many people chose orange as their favourite?

5. How many more people like yellow than orange?

6. How many more people like yellow than red?



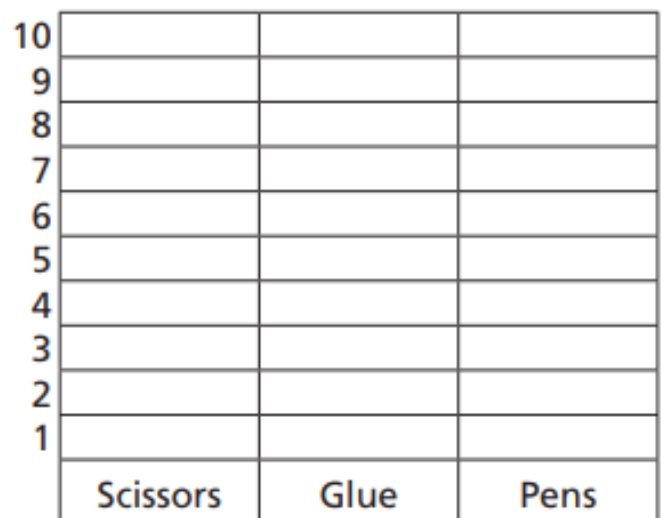
Item	Tally	Total
Scissors	IIII	4
Glue	III III	9
Pens	III I	6

This tally chart shows how many of each item there is






Do the totals match the tallies?

\_\_\_\_\_

Colour the block diagrams using the tally chart.

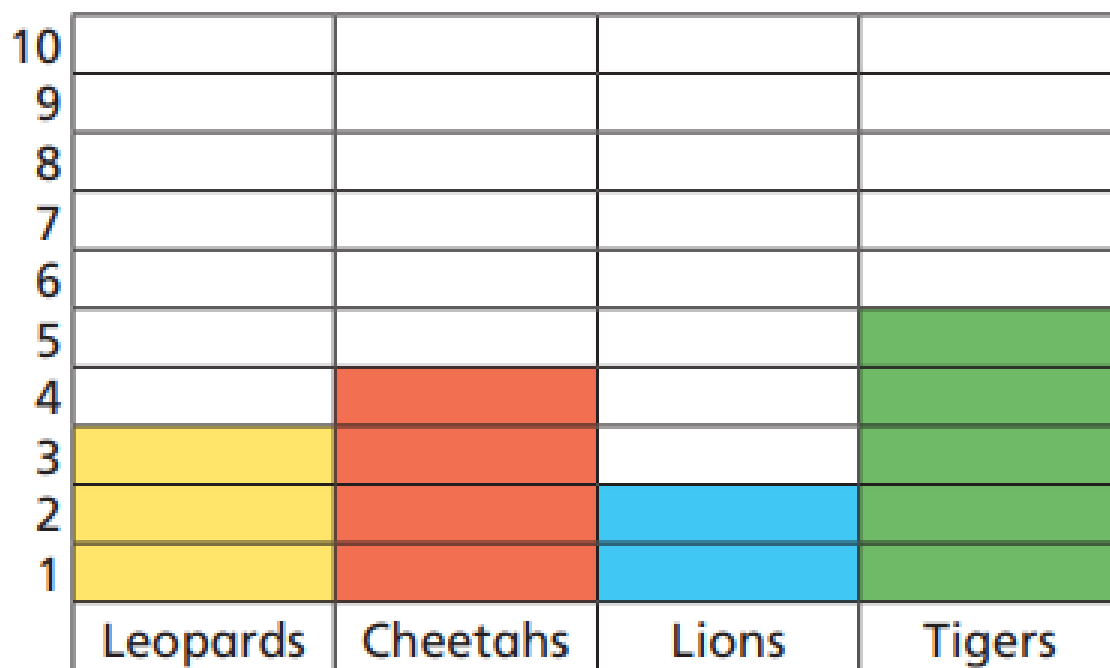


At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Key
Leopard		 = 2 big cats
Cheetah		
Lion		
Tiger		

Dora has tried to show the same information on a block diagram but she has made a mistake.

a) What mistake has Dora made?



b) Complete the block diagram so that it is correct.