

Maths Year 3

Statistics

Times tables practice (do this daily)

$0 \times 2 = 0$

$7 \times 2 = 14$

$0 \times 3 = 0$

$7 \times 3 = 21$

$1 \times 2 = 2$

$8 \times 2 = 16$

$1 \times 3 = 3$

$8 \times 3 = 24$

$2 \times 2 = 4$

$9 \times 2 = 18$

$2 \times 3 = 6$

$9 \times 3 = 27$

$3 \times 2 = 6$

$10 \times 2 = 20$

$3 \times 3 = 9$

$10 \times 3 = 30$

$4 \times 2 = 8$

$11 \times 2 = 22$

$4 \times 3 = 12$

$11 \times 3 = 33$

$5 \times 2 = 10$

$12 \times 2 = 24$

$5 \times 3 = 15$

$12 \times 3 = 36$

$6 \times 2 = 12$

$6 \times 3 = 18$



Times tables practice (do this daily)

$0 \times 5 = 0$

$7 \times 5 = 35$

$0 \times 10 = 0$

$7 \times 10 = 70$

$1 \times 5 = 5$

$8 \times 5 = 40$

$1 \times 10 = 10$

$8 \times 10 = 80$

$2 \times 5 = 10$

$9 \times 5 = 45$

$2 \times 10 = 20$

$9 \times 10 = 90$

$3 \times 5 = 15$

$10 \times 5 = 50$

$3 \times 10 = 30$

$10 \times 10 = 100$

$4 \times 5 = 20$

$11 \times 5 = 55$

$4 \times 10 = 40$

$11 \times 10 = 110$

$5 \times 5 = 25$

$12 \times 5 = 60$

$5 \times 10 = 50$

$12 \times 10 = 120$

$6 \times 5 = 30$

$6 \times 10 = 60$



New times table (practice daily)

$$0 \times 4 = 0$$

$$7 \times 4 = 28$$

$$1 \times 4 = 4$$

$$8 \times 4 = 32$$

$$2 \times 4 = 8$$

$$9 \times 4 = 36$$

$$3 \times 4 = 12$$

$$10 \times 4 = 40$$

$$4 \times 4 = 16$$

$$11 \times 4 = 44$$

$$5 \times 4 = 20$$

$$12 \times 4 = 48$$

$$6 \times 4 = 24$$



Thursday 4th February

LO: To make tally charts

Arithmetic

1. $785 + 90 =$

2. $387 - 30 =$

3. $8 \times _ = 32$

4. Double 92 =

1. $42 + 20 =$

2. $45 - 10 =$

3. $_ \times 10 = 0$

4. Double 42 =



Tally charts

When we tally it is a quick way of recording information.

E.g. How many people like certain ice cream flavours or their favourite fruit.

It is quick and efficient if you use it the correct way.



What are tally's?

Tally's are drawn as groups of small lines. When we get to the fifth line we put a cross through the tally to show that we have reached the number 5.

This makes it easy to count the tallies as we only then have to count in 5's instead of all of the individual lines. Much better! :)



Can you draw the table and fill in the blanks?

Remember- you know how to count in 5's

Complete the tally chart.

Favourite Colour	Tally	Total
Blue		
Red		
Yellow		
Green		



Answer

Complete the tally chart.

Favourite Colour	Tally	Total
Blue		8
Red		12
Yellow		2
Green		3



Further question

Complete the tally chart.

Favourite Colour	Tally	Total
Blue		8
Red		12
Yellow		2
Green		3

What does the data tell you? Tell me the story.



Answer

- ✗ The table shows us the favourite colour of a group of people.
- ✗ It shows us that the favourite colour is red.
- ✗ It shows us the least favourite colour is yellow.

Favourite Colour	Tally
Blue	
Red	
Yellow	
Green	



Question 2

Complete the tally chart for Year 2 and Year 3

Year Group	Tally	Total
Year 1		10
Year 2		19
Year 3		
Year 4		17



Answer

Complete the tally chart for Year 2 and Year 3

Year Group	Tally	Total
Year 1		10
Year 2		19
Year 3		<u>22</u>
Year 4		17



Create your tally for the information below

Miss Stephenson (blue)

Miss Mollett (red)

Mr Mitchell (green)

Mr Ritchie (green)

Tracy (blue)

Miss Brown (blue)

Mrs Jones (red)

Miss Sewel (green)

Mrs Shah (green)

Mrs Holland (red)

Miss Dearle (blue)

Miss Langoo (blue)

Miss Clarke (blue)

Miss Sutherland (blue)



Friday 22nd January

Please do the times tables from the beginning of the powerpoint.

LO: To draw a pictogram

Arithmetic

1. $445 + 85 =$

2. $585 - 70 =$

3. $9 \times \underline{\quad} = 27$

4. Half of 72 =

1. $40 + 40 =$

2. $80 - 40 =$

3. $10 \times \underline{\quad} = 20$

4. Half of 28 =



Recap

1. What is a tally?
2. What is the purpose of a tally?
3. What previous knowledge do we have that can help us when tallying/counting tally's?







Problem solving recap

Please solve the following tally problem solving questions in your book to practice your understanding of tally charts.

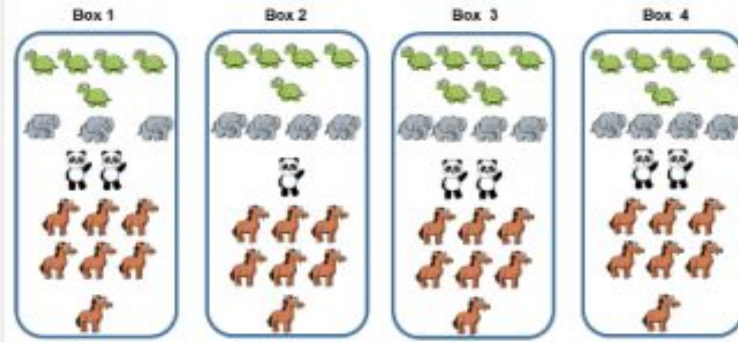
Remember to read the question carefully.
Highlight the key information
Answer the questions thoroughly
and appropriately



Dexter makes a tally chart of the animals he saw at the zoo

Animal	Tally
	
	
	
	

Tick one box below that shows all of the animals Dexter saw and explain why the others are incorrect.



Look at the question carefully.

Use your previous knowledge and skills to support you.

Check your answer



Class 1 and Class 2 were each asked their favourite ice-cream flavours. Their results are shown in the tally charts.

Class 1	
Flavour	Total
Vanilla	
Chocolate	
Strawberry	
Mint	

Class 2	
Flavour	Total
Vanilla	
Chocolate	
Strawberry	
Mint	

What is the same? What is different?

Remember to explain what is the same and what is different.

How do you know this?

What previous learning/knowledge has supported you with this?



Answers

Box 1 is incorrect because there are not enough elephants to match the tally chart.

Box 2 is incorrect because there are not enough pandas to match the tally chart.

Box 3 is incorrect because there are too many turtles.



The same:

Both classes have 20 votes for chocolate. Both tally charts show that chocolate is the favourite flavour and mint is the least favourite flavour.

The order of preference for all four flavours is the same.

Different:

In Class 1, three more children like Vanilla. There are more children in Class 1 than Class 2. 2 more children chose mint in class 2




















Pictograms

We can also use pictograms to represent information in the same way that we do a tally chart. Answer the question in your book. FOCUS ON THE KEY!

Use the tally chart to complete the pictogram.

Pet	Tally
Dog	
Cat	
Rabbit	
Fish	

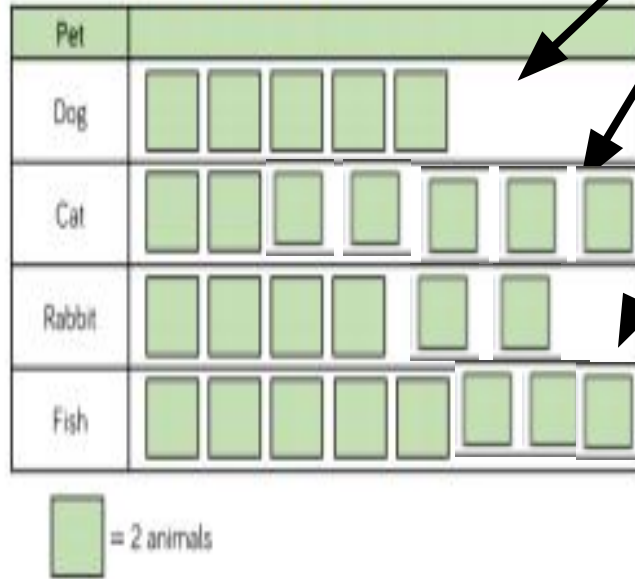
Pet	
Dog	    
Cat	 
Rabbit	   
Fish	    

 = 2 animals

Answer

Use the tally chart to complete the pictogram.

Pet	Tally
Dog	
Cat	
Rabbit	
Fish	



The dog is at 10
The cat only had 4 we needed 10 more












We needed 2 more squares of 2 for rabbits.

The fish had 10 so we needed 6 more, which is 3 more squares of 2

In your books please complete the next 2 questions

Use the information to complete the pictogram about the number of books read in each class.

Class 1	
Class 2	
Class 3	
Class 4	
Class 5	
Class 6	


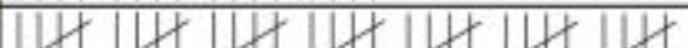
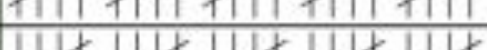


Class 1	 
Class 2	   
Class 3	 
Class 4	  
Class 5	
Class 6	

Key



= 5 books

Chocolate	/ / / / / / / /
Lemon	/ / / / / / / /
Red Velvet	/ / / / / /
Mint	/ / / / / /
Carrot	/ / / / / / / /

Chocolate	
Lemon	
Red Velvet	
Mint	
Carrot	

Problem solving

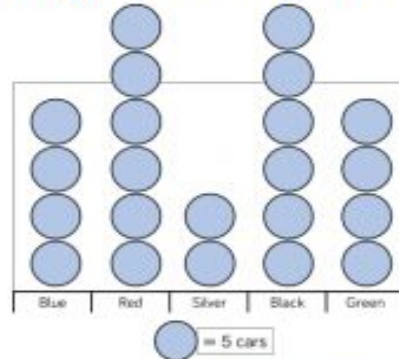
We are going to use our problem solving skills for the last question of the day.

Look back on how to solve a problem from earlier in the powerpoint to support you.



Problem

Teddy and Eva both draw a pictogram to show how many cars they counted driving past their school.



Colour	Number on cars
Blue	● ●
Red	● ● ●
Silver	●
Black	● ● ●
Green	● ●

● = 10 cars

What is the same? What is different?
Whose pictogram do you prefer? Why?

