

Summer Week 7 Lesson 1 – 08.06.20

STARTER: Addition and subtraction

Practise your calculation skills. Make sure you remember your place value and put all digits in the correct columns.

1. Write out the addition calculation in vertical format.
2. Solve the calculation.
3. Check the answer by doing one of the possible inverse calculations (subtraction).

a) $426 + 836$ b) $4762 + 8259 =$ c) $97286 + 33464 =$

Year 4/5 Maths

Summer Week 7 Lesson 1 – 08.06.20

LO: To interpret data

Task:

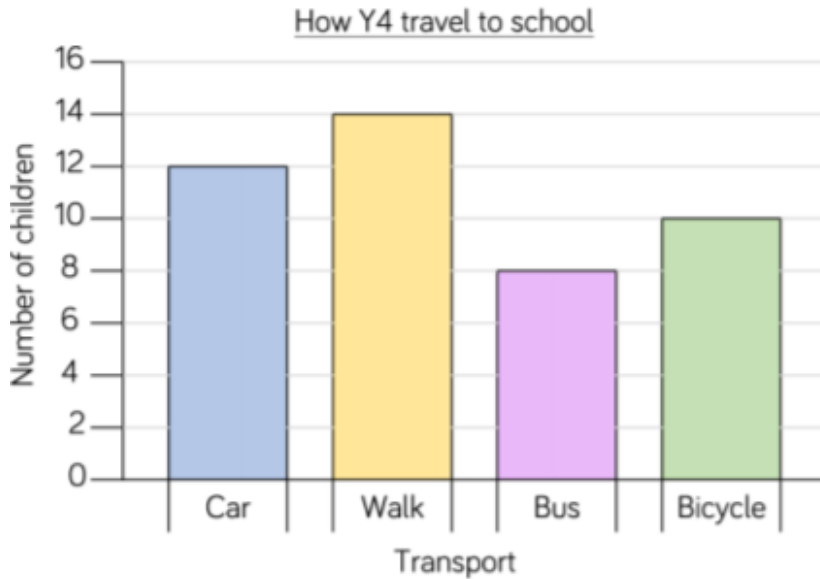
You are going to look at data in different formats e.g. bar chart, pictogram and try to understand the information they contain.

Success Criteria:

1. Identify what the data is about.
2. Look carefully at how it is presented.
3. In a bar chart, work out the size of the interval between the numbers on the scale.
4. In a pictogram, check the value of each picture.
5. Read any questions carefully to find the key word e.g. most, least, fewest.

Model:

Complete the table using the information in the bar chart.



First: Look at the scale on the vertical axis. On this bar chart the numbers increase in twos.

Second: Go to the top of the bar and look across to the vertical axis to see which number it aligns with.

Third: Complete the table with the appropriate numbers.

Transport	Number of children
Car	12
Walk	14
Bus	8
Bicycle	10

What is the most popular way to get to school?

Look at the tallest bar/highest number: Walking

What is the least popular way to get to school?

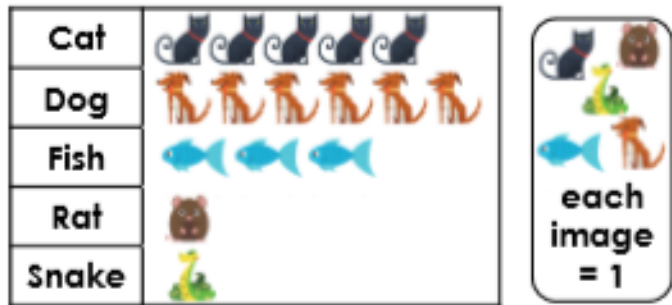
Look at the shortest bar/lowest number: Bus

How many children walk to school?

Add all the numbers together: $12 + 14 + 8 + 10 = 44$



1a. Look at the pictogram:
Y4 Pets



Fill in the blanks in the table.

Cat	Dog	Fish	Rat	Snake
5			1	



4 VF

1b. Look at the pictogram:
Shoe Size



Fill in the blanks in the table.

1	2	3	4	5
			3	1



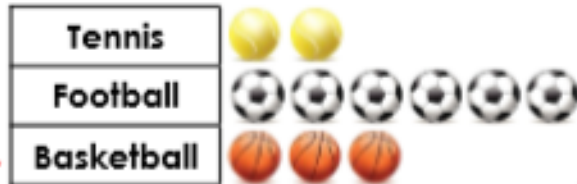
4 VF

2a. Think of one question to ask about the information in this pictogram: Favourite Drink



4 VF

2b. Think of one question to ask about the information in this pictogram: Favourite Sport



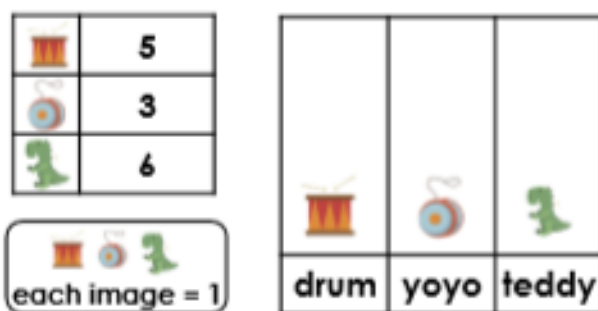
4 VF

3a. Use the information in the table to complete the pictogram: Sweets Sold



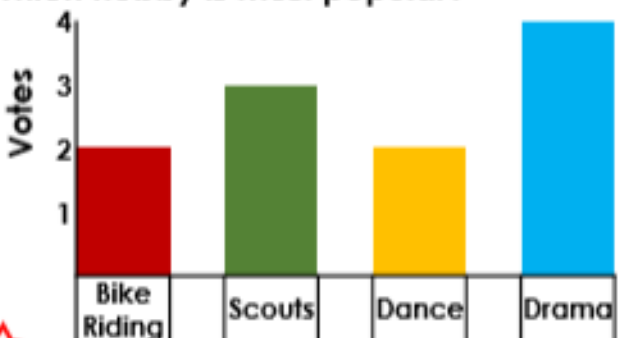
4 VF

3b. Use the information in the table to complete the pictogram: Toys Sold



4 VF

4a. Look at the bar chart: Y4 Hobbies
 Which hobby is most popular?



4 VF

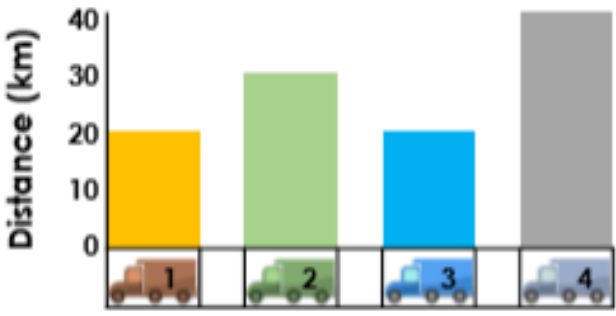
4b. Look at the bar chart: Bikes Sold
 Which month did they sell the fewest bikes?



4 VF

MILD

5a. Look at this bar chart: Distance Travelled



Distance (km)

40
30
20
10
0

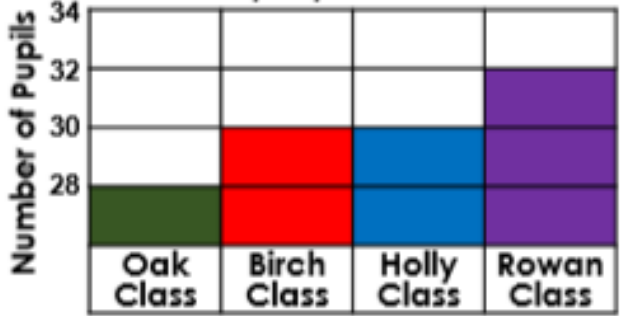
Truck 1 Truck 2 Truck 3 Truck 4

Fill in the blanks in the table below.

Truck 1	Truck 2	Truck 3	Truck 4
		20km	

★ 4 VF

5b. Look at this block graph: Pupils per class



Number of Pupils

34
32
30
28

Oak Class Birch Class Holly Class Rowan Class

Fill in the blanks in the table below.

Oak	Birch	Holly	Rowan
	30		

★ 4 VF

6a. Think of two questions to ask about the information in this tally chart: Breakfast

Cereal	
Fruit & Yoghurt	
Toast	

★ 4 VF

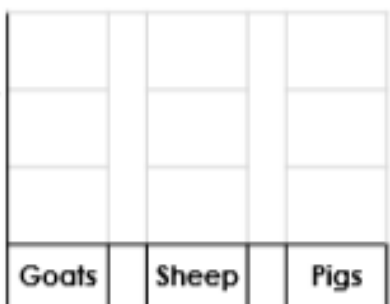
6b. Think of two questions to ask about the information in this tally chart: Car Colour

Black	
Silver	
Red	

★ 4 VF

7a. Use the information in the table to create a bar chart: Livestock

Goats	
Sheep	
Pigs	



6
4
2

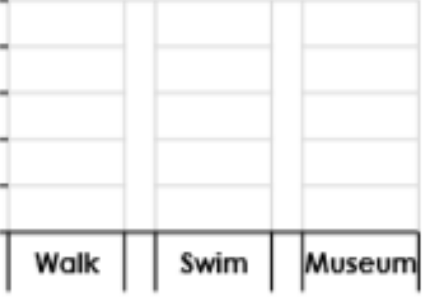
Goats Sheep Pigs

★ 4 VF

7b. Use the information in the table to create a bar chart: Holiday Activities

Hint: Remember to add a scale.

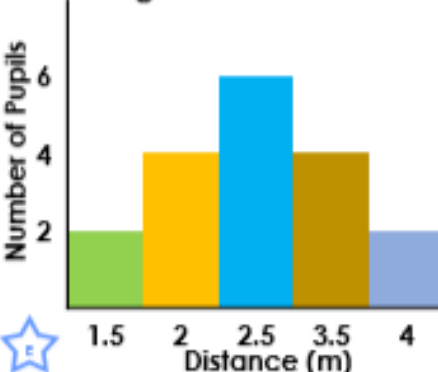
Walk	10
Swim	30
Museum	50



Walk Swim Museum

★ 4 VF

8a. Look at the bar chart: Distance Beanbag Thrown



Number of Pupils

6
4
2

1.5 2 2.5 3.5 4

Distance (m)

A. Which is the furthest distance most pupils could throw?

B. How many pupils threw 3.5 metres or more?

★ 4 VF

8b. Look at the table: Vegetables Planted

	Jan	Feb	Mar
Onions	23	32	43
Garlic	36	15	13
Cabbage	12	8	4

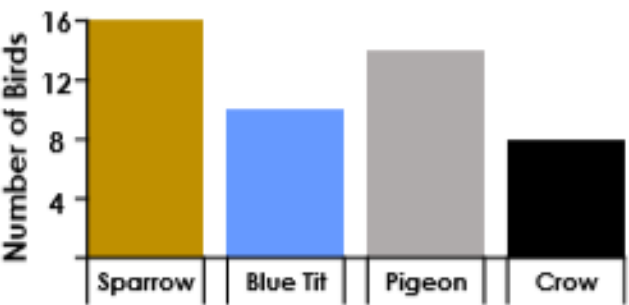
A. How many garlic bulbs were planted in February?

B. In which month were the most vegetables planted?

★ 4 VF

SPICY

9a. Look at this bar chart:
Birds in the Garden

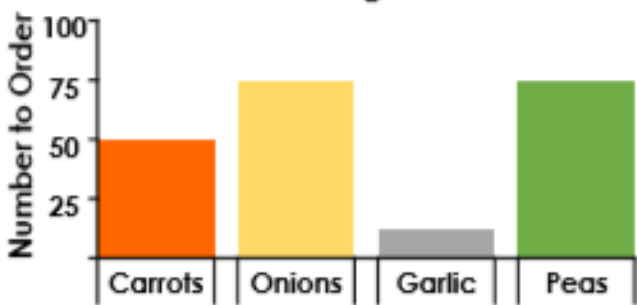


Present the information as a tally chart.

Sparrow			

GO 4 VF

9b. Look at this bar chart:
Kitchen Veg Order



Present the information in the table.

Carrots			
50			

GO 4 VF

10a. Think of at least 3 questions to ask about the table: Parents' Age

	23 - 30	30 - 35	35 - 40	40+
Year One	10	12	7	-
Year Two	21	-	6	5
Year Three	6	7	9	13

Work out the answers.

GO 4 VF

10b. Think of at least 3 questions to ask about the table: Jobs for Pocket Money

	Y3	Y4	Y5
Tidy Room	28	30	32
Ironing	10	15	25
Vacuuming	18	23	32

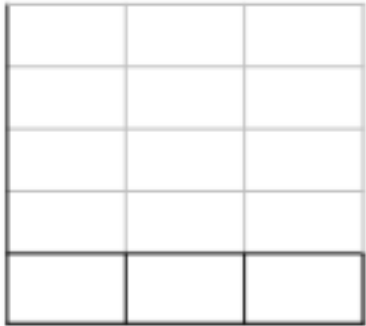
Work out the answers.

GO 4 VF

11a. Use the information in the table to create a bar chart.

Money saved

Jan	Feb	Mar
£3	£9	£12

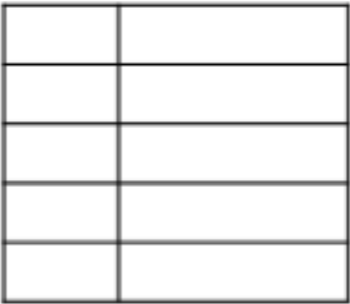


GO 4 VF

11b. Use the information in the table to create a pictogram.

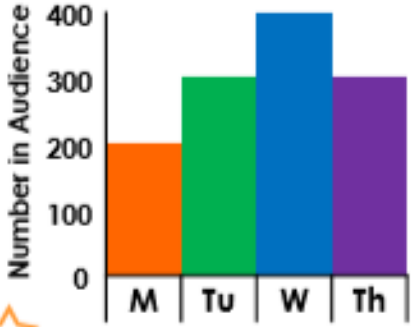
Steps Taken in 1,000s

M	T	W	T	F
8	9	10	12	9



GO 4 VF

12a. Look at the bar chart: Audience Members



A. How many people were in the audience on Wednesday?

B. Which days had more than 250 people in the audience?

GO 4 VF

12b. Look at the tally chart: Votes Cast

4pm - 5pm	
5pm - 6pm	
6pm - 7pm	

A. How many people voted before 5pm?

B. How else could you present this information?

GO 4 VF

RED HOT

<p>7a. True or false?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 15%;">Song</th> <th style="width: 15%;">Only Me</th> <th style="width: 15%;">Hotel Illinois</th> <th style="width: 15%;">Stand by You</th> <th style="width: 15%;">Angel Woman</th> </tr> </thead> <tbody> <tr> <td>Minutes played over a week</td> <td>1,530</td> <td>1,890</td> <td>1,470</td> <td>2,460</td> </tr> </tbody> </table> <p>Only Me played for 1 hour longer than Stand By You.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> VF </div>	Song	Only Me	Hotel Illinois	Stand by You	Angel Woman	Minutes played over a week	1,530	1,890	1,470	2,460	<p>7b. True or false?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 15%;">Song</th> <th style="width: 15%;">Hey Jed</th> <th style="width: 15%;">Day Fever</th> <th style="width: 15%;">Mon Cherie</th> <th style="width: 15%;">Plum Drizzle</th> </tr> </thead> <tbody> <tr> <td>Hours played over a week</td> <td>53.5</td> <td>71</td> <td>17.5</td> <td>51</td> </tr> </tbody> </table> <p>Plum Drizzle was played for 150 minutes less than Hey Jed.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> VF </div>	Song	Hey Jed	Day Fever	Mon Cherie	Plum Drizzle	Hours played over a week	53.5	71	17.5	51
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<p>9a. How far in kilometres did Cloud Stream and Metro Air travel in total?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 15%;">Plane</th> <th style="width: 15%;">Metro Air</th> <th style="width: 15%;">Flight Bus</th> <th style="width: 15%;">Sky Jet</th> <th style="width: 15%;">Cloud Stream</th> </tr> </thead> <tbody> <tr> <td>Distance travelled (m)</td> <td>52,000</td> <td>148,000</td> <td>345,000</td> <td>62,500</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; align-items: center;"> VF </div>	Plane	Metro Air	Flight Bus	Sky Jet	Cloud Stream	Distance travelled (m)	52,000	148,000	345,000	62,500	<p>9b. How far in metres did the Cheetah and Kanga travel?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 15%;">Car</th> <th style="width: 15%;">Cheetah</th> <th style="width: 15%;">Tornado</th> <th style="width: 15%;">Two Track</th> <th style="width: 15%;">Kanga</th> </tr> </thead> <tbody> <tr> <td>Distance travelled (km)</td> <td>45</td> <td>109</td> <td>37</td> <td>82.5</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; align-items: center;"> VF </div>	Car	Cheetah	Tornado	Two Track	Kanga	Distance travelled (km)	45	109	37	82.5
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