CANONBURY PRIMARY SCHOOL reate, discover and succeed together

<u>Summer Week 7 Lesson 2 – 09.06.20</u> STARTER: Multiplying by 10,100 and 1000

Use <, > or = to complete the statements.

71 × 1,000	0	71 × 100
100 × 32	0	16 × 1,000
48 × 100	0	$48 \times 10 \times 10 \times 10$

### Year 4/5 Maths

<u>Summer Week 7 Lesson 2 – 09.06.20</u> LO: To interpret data

<u>Task:</u>

You are going to continue looking at data in different formats and will use your reasoning and problem solving skills to interpret it.

### Success Criteria:

1. Read the question carefully.	
2. Look at the data.	
3. Think through how you would represent that data in the different formats.	
<ol><li>Choose the format that is easiest, clearest ad the most exact.</li></ol>	

### <u>Model:</u>

Halifax City Football Club sold the following number of season tickets:

- Male adults 6,382
- Female adults 5,850
- Boys 3,209
- Girls 5,057

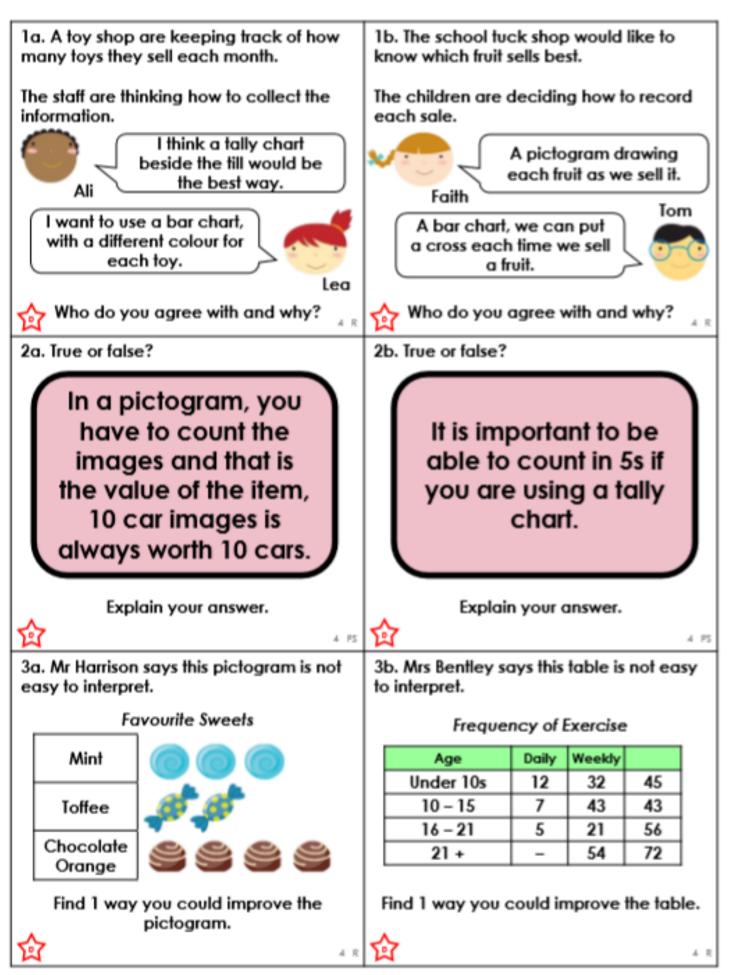
Would you use a bar chart, table or pictogram to represent this data? Explain why. First: Look at the numbers in the problem.

<u>Second:</u> Think about the options for representing the data: bar chart, table or pictogram.

Third: Would you be able to represent such large numbers in a pictogram? Could you represent such large numbers exactly in a bar chart? Could you record these numbers in a table? Possible answer: I would represent the data in a table because it would be difficult to show the exact numbers accurately in a pictogram or bar chart.

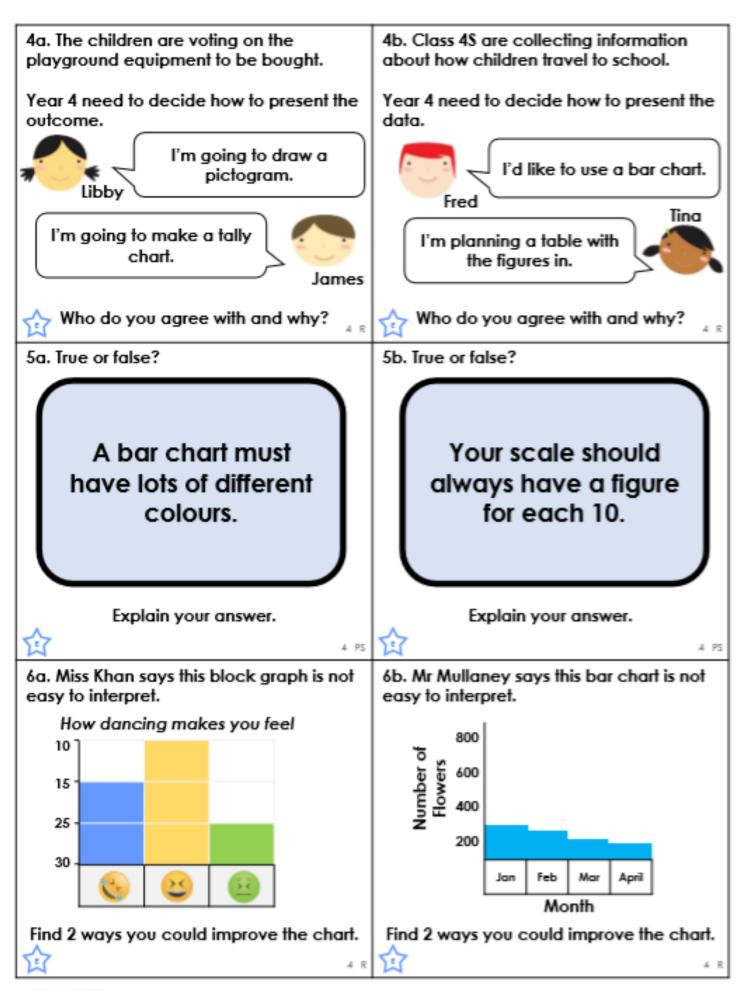






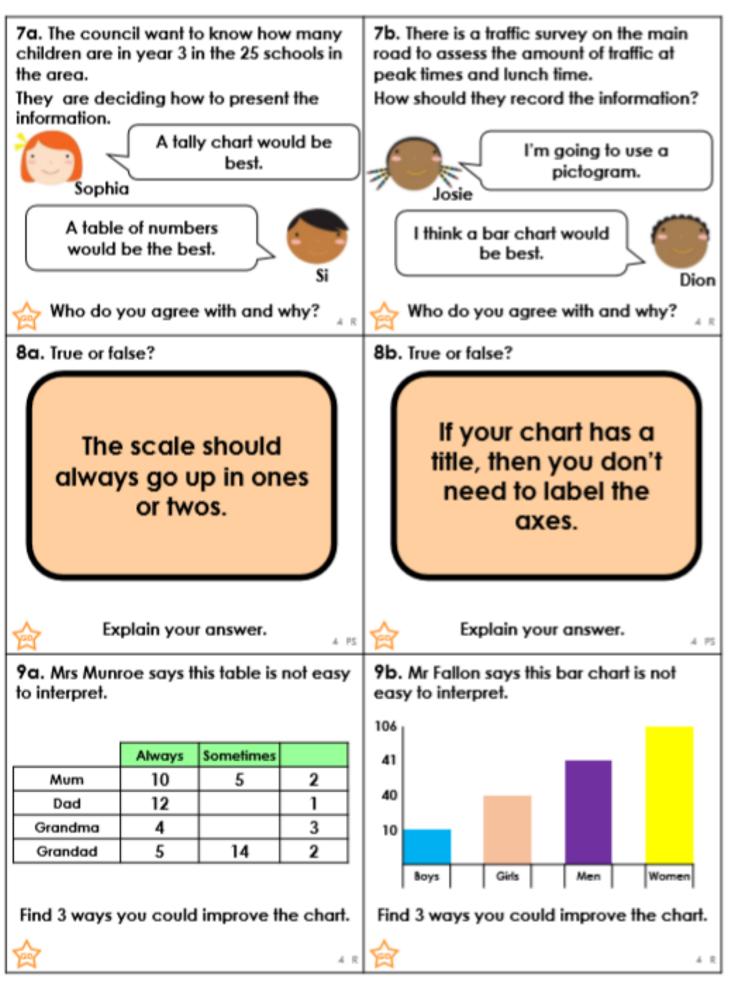
### <u>MILD</u>





## <u>SPICY</u>







# <u>RED HOT</u>

7a. The table below shows data for	
different kinds of spiders.	

	Lifespan (years)	Weight (grams)	Leg span (cm)
Giant Huntsman	2.5	175	30
Black Widow	3	1	3.8
Red-Knee Tarantula	25	16.5	12.7
Wolf Spider	1	1	3.1

Create three questions about the data. Make sure you include the answers!

8a. The table below shows the time taken in seconds to run 200m over three races.

	Race 1	Race 2	Race 3
Usain Bolt	19.3	19.2	19.2
Jesse Owens	23.4	22.3	20.7
Michael Johnson	20.1	19.1	19.7

Over all three races, Usain Bolt was the only runner to finish in under 1 minute. Do you agree? Prove it.

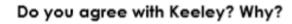
9a. Keeley measures different routes in km to see how far away her friends live.

	Martha	Donovan	Lesley
Route 1	12.5	87.3	47
Route 2	25	56	35
Route 3	10	77.7	30.5



In metres, my friends are closer on route 3 compared to route 2.

Keeley



# 7b. The table below shows the data for different kinds of birds.

	Wingspan (m)	Weight (kg)	Dive Speed (km/h)
Golden Eagle	2.3	6.3	241
Peregrine Falcon	1.2	1.5	389
Brown Pelican	1.2	5.5	48
Red-throated Diver	1.1	1.6	78

Create three questions about the data. Make sure you include the answers!

8b. The table below shows the time taken in seconds for a car to reach 80mph.

	1 <sup>st</sup> attempt	2 <sup>nd</sup> attempt	3 <sup>rd</sup> attempt
Car 1	13.9	12.8	12.5
Car 2	13.5	13.2	12.7
Car 3	12.7	14.8	11.5

In total, there was only 0.4 seconds between the slowest and fastest cars. Do you agree? Prove it.

9b. Stan measures how far away different shops are in m from his friends' houses.

	Tristan	Lucy	Anthony
Cut Costs	2,800	7,600	15,600
Pet Power	1,800	10,100	11,100
Cars 4 You	900	7,400	5,500



In km, Pet Power is closer to all of my friends than Cut Costs.

Stan

### Do you agree with Stan? Why?