Starter

1. Write the place value for the underlined digit:
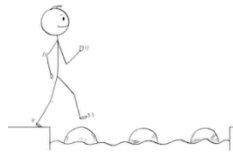
932<u>6</u>	
40<u>6</u>8	
<u>3</u>606	
<u>6</u>044	
<u>3</u>688	
42<u>3</u>2	

2. Rewrite in Descending order

a) 3841, 8918, 4259   _____, _____, _____

b) 3395, 3593, 3935   _____, _____, _____

c) 2030, 2300, 2003   _____, _____, _____

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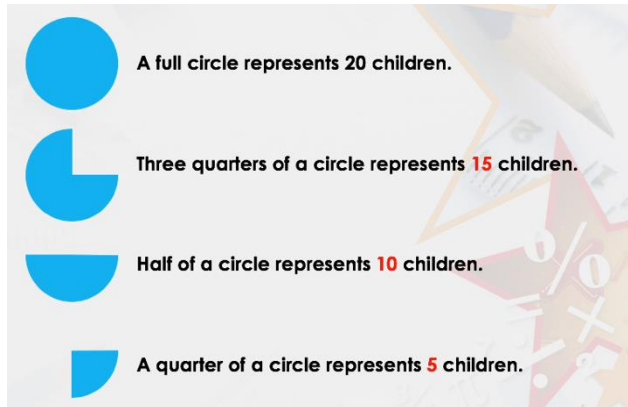**Year 4/5 Maths**

<mark>Steppingstone activity</mark>

Summer week 7 Lesson 3 – 10.06.20

LO: To use comparative, sum and difference when looking at data

Success Criteria:

1. If you are looking at a pictogram check how many each picture represents
2. If you are looking t a bar graph look at the scale on the Y (vertical) axis.
3. Underline the key words in the question.

<mark>Model</mark>

A full circle represents 20 children.

Three quarters of a circle represents 15 children.

Half of a circle represents 10 children.

A quarter of a circle represents 5 children.

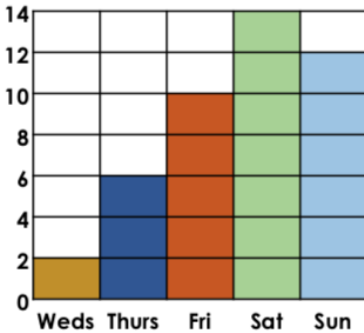| Activity	Number of votes
Bowling	9
Cinema	10
Swimming	7
Ice-skating	14

How many voted altogether?
9+10+7+14 = 40
¼ of the people voted for…….?
40 divided by 4 = 10
7 more people voted for ice-skating than swimming
(14-7 = 7)

Now try these:

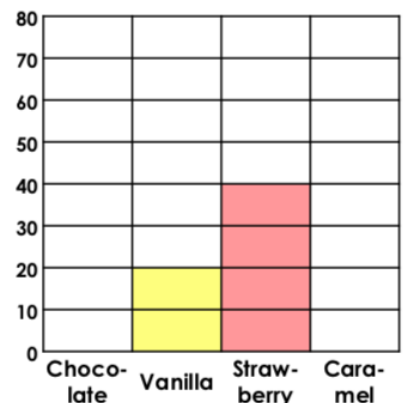5b. Use this bar chart to answer the questions about the number of diners in a restaurant.

A. How many diners were there on Thursday?

B. How many fewer diners were there on Wednesday compared to Sunday?

C. How many diners were there at the weekend?

D. How many diners were there in total?

4b. Use the information to complete the pictogram and the bar chart.

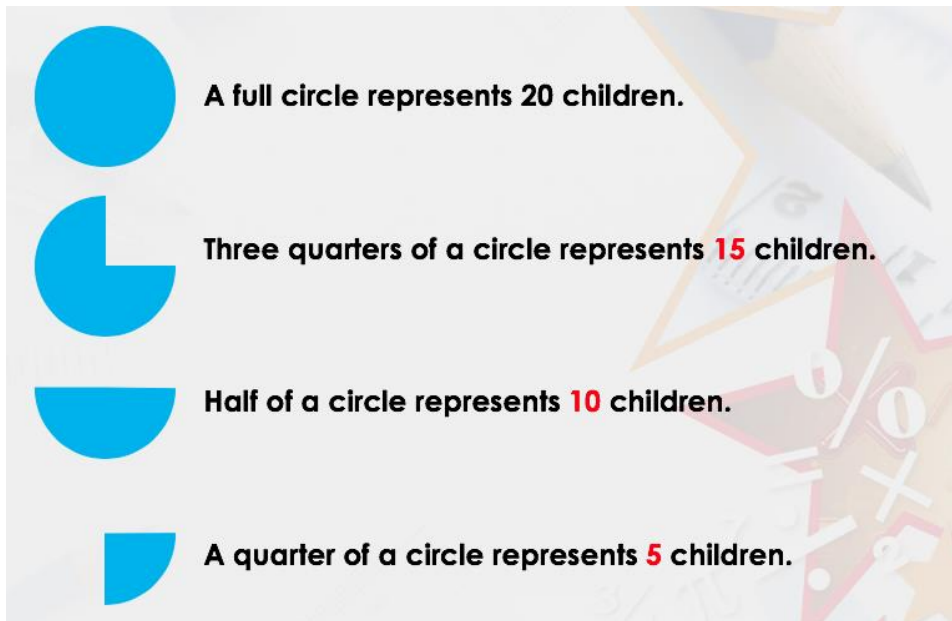| Favourite Ice-cream	Number of Children
Chocolate	●●●●
Vanilla	
Strawberry	
Caramel	●●

1 circle = 5 children

Canonbury Home Learning
Year 4/5 Maths

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Model:

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Three quarters of a circle represents **15** children.

Half of a circle represents **10** children.

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Types of fish at the Aquarium

Pike   Carp   Bream   Trout

⬤ = 50 fish

Example questions:

1. Which two types of fish make up 225 of the fish altogether?
2. How many more Carp are there than Trout?
3. Sort the fish from fewest to most?
4. How many fish are there altogether?
5. If 75 more trout were added to the aquarium how many Bream and Trout would there be altogether?

Mild

4a. Use the table to calculate the number of people who voted.

Favourite Activities at Luna Leisure Centre

Activity List	Votes
Swimming	80
Yoga	60
Badminton	40
Karate	50

Sort the activities in order from the most to least popular.

4 VF

4b. Use the table to calculate the number of leaves collected on the forest trail.

Leaves Collected on Forest Trail

Leaves	Number
Oak	90
Birch	50
Holly	100
Ash	60

Sort the types of leaves in order from the most to least common.

4 VF

5a. Complete the sentences below.

Time Spent on Homework
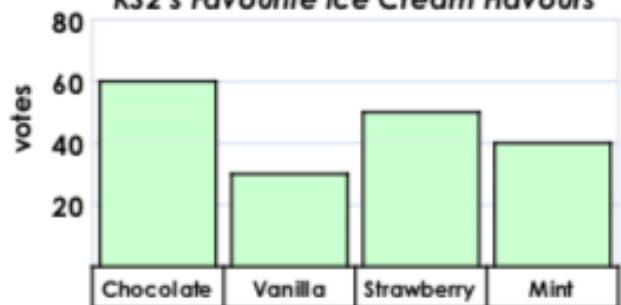
There were _____ more minutes of Maths than Spellings. Reading took _____ fewer minutes than Topic.

4 VF

5b. Complete the sentences below.

KS2's Favourite Ice Cream Flavours

Chocolate beat Vanilla by _____ votes. Strawberry was _____ votes behind the winner.

4 VF

6a. Calculate the difference between the number of apple and pumpkin pies sold.

Pies sold at a bake sale

Apple	Blueberry	Cherry	Pumpkin

= 10 pies

Which two types of pie were bought by 40 people altogether?

6b. Calculate the difference between the frogs found in the pond and the river.

Areas where frogs were found in a National Park

Pond	River	Lake	Marsh

= 10 frogs

In which two areas were 35 frogs found altogether?

Spicy

7a. Use the table to calculate the number of people who visited the attractions.

Number of Visitors in May

Attraction	Visitors (thousands)
Theme Park	85
Safari Park	45
Water Park	60
Zoo Gardens	75

Sort the attractions in order from the most to least popular.

⭐ 4 VF

7b. Use the tally chart to calculate the total number of sandwiches sold.

Sandwiches Sold at Lunchtime

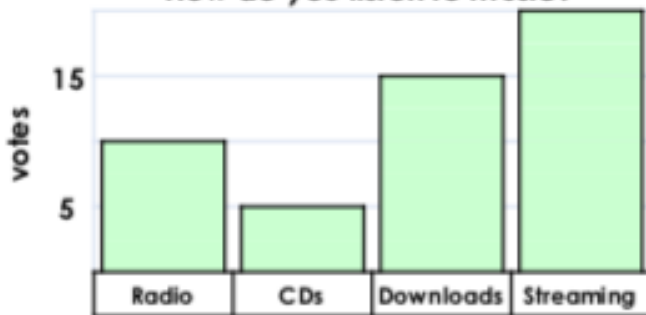| Fillings	Number Sold
Cheese	IIII IIII IIII
Egg	IIII III
Ham	IIII IIII IIII
Tuna	IIII II

Sort the sandwich fillings in order from the most to least common.

⭐ 4 VF

8a. Complete the sentences below.

How do you listen to music?

There were _____ more votes for streaming than CDs. Radio was _____ votes behind downloads.

⭐ 4 VF

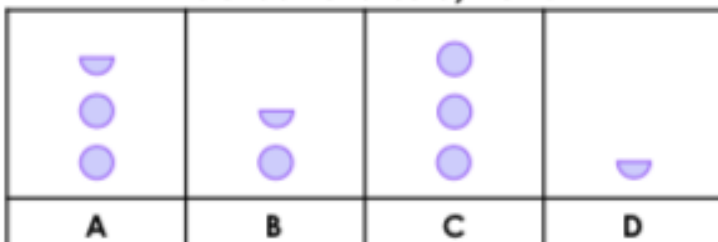**8b. Complete the sentences below.**

Number of Houses Built

In 2016, _____ more houses were built than in 2018. In 2015, _____ fewer houses were built than in 2017.

⭐ 4 VF

9a. Calculate the difference between the distance trains C and D travelled.

Distance Travelled by Trains

= 50 miles

Which two trains travelled 200 miles altogether?

9b. Calculate the difference between the number of carp and trout.

Types of fish at the Aquarium

= 50 fish

Which two types of fish make up 225 of the fish altogether?

Red Hot

1. Decide on some data that you would like to collect, for example: books by different authors on your shelf at home, number of cars of different colours that pass your house etc

2. Collect and record the data in a table.

3. Choose a **pictogram or a bar chart** to represent your data, giving reasons for your choices.

4. What questions can you ask about the data?

Remember to think of questions that involve some calculation (addition or subtraction), need some sorting or that compare different things.

5. Get an adult or sibling to answer your questions.