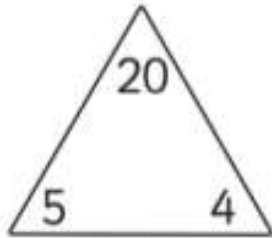


**Starter**

# Number Families

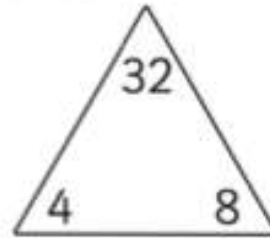


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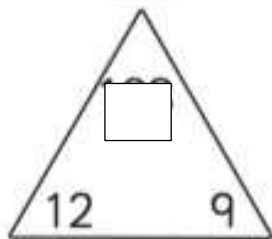


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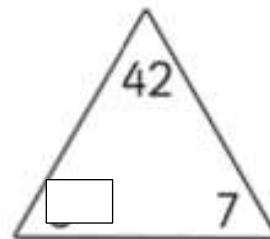


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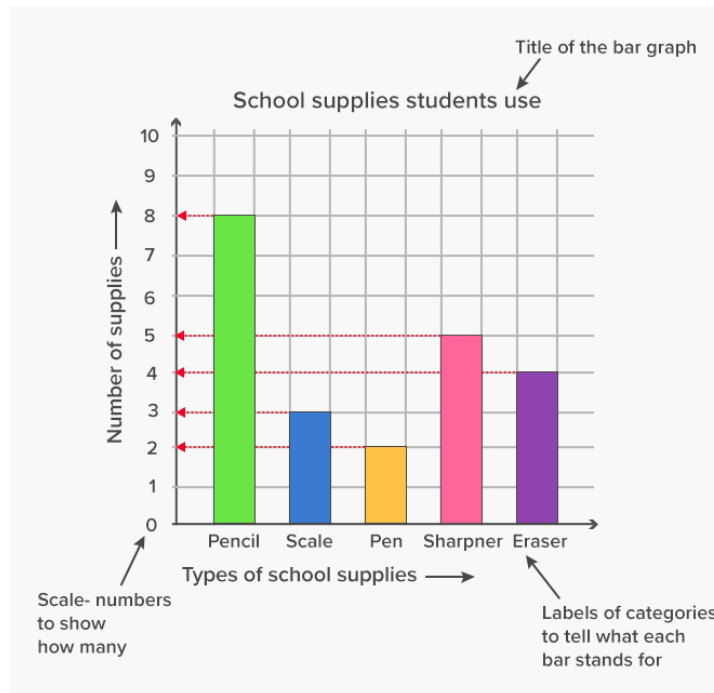
**Summer week 7 Lesson 5 – 12.06.20**

**LO: To interpret and draw graphs**

**Success Criteria:**

- |   |
|---|
| 1. Include a title for your graph                 |
| 2. Label the x (horizontal) and Y (vertical) axis |
| 3. Write your numbers on the line for the y axis  |
| 4. Use a ruler to draw bars.                      |

**Model**



**Chocolate Bars Bar Line Chart Display Worksheet**

Name: ..... Date: .....

Here is a table of the chocolate bars sold to customers in a shop over 4 days:

	Monday	Tuesday	Wednesday	Thursday
<b>Mars</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>4</b>
<b>Twix</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>Galaxy</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0</b>
<b>Milkyway</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Bounty</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>0</b>
<b>Lion</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>1</b>
<b>Snickers</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>

**Now complete these:**

**Draw a bar graph to show this data**

**Write 3 questions you could ask about your graph.**

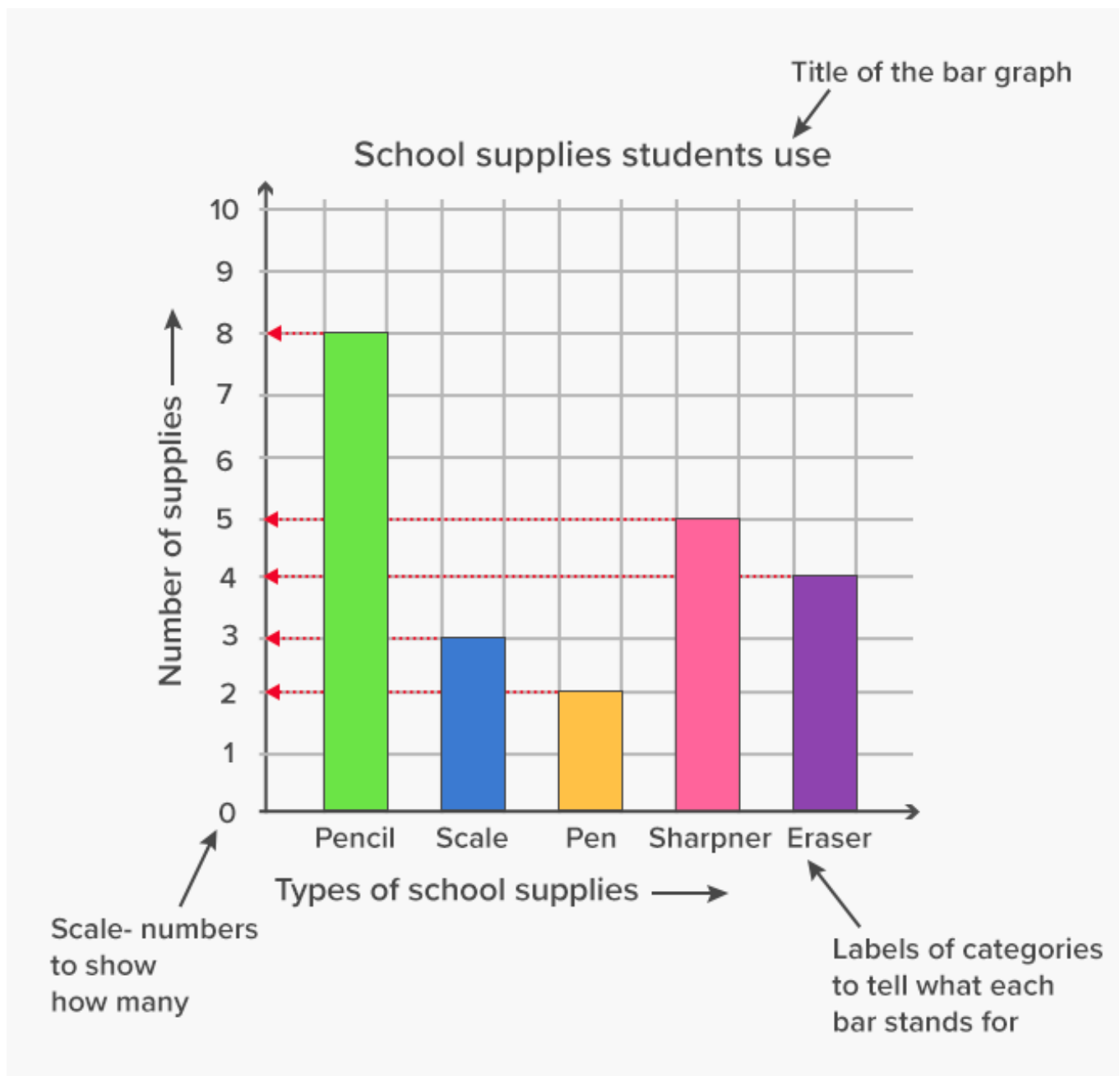
**Summer week 7 Lesson 5 – 12.06.20**

**LO: To interpret and draw graphs**

**Success Criteria:**

1. Include a title for your graph
2. Label the x (horizontal) and Y (vertical) axis
3. Write your numbers on the line for the y axis
4. Use a ruler to draw bars.

**Model:**



Here is a tally chart of the birthdays of people in a class:



Month	Tally
January	///
February	///
March	/// ///
April	
May	
June	///
July	///
August	
September	///
October	
November	
December	///

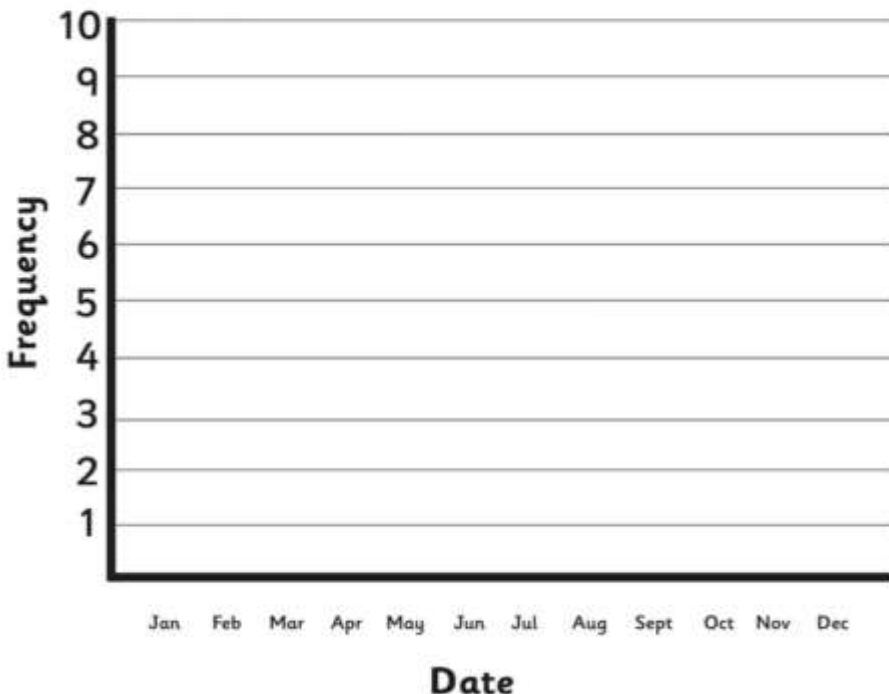


**Birthdays Bar Line Chart Worksheet**



Name: ..... Date: .....

Using the tally chart, complete this bar line chart:







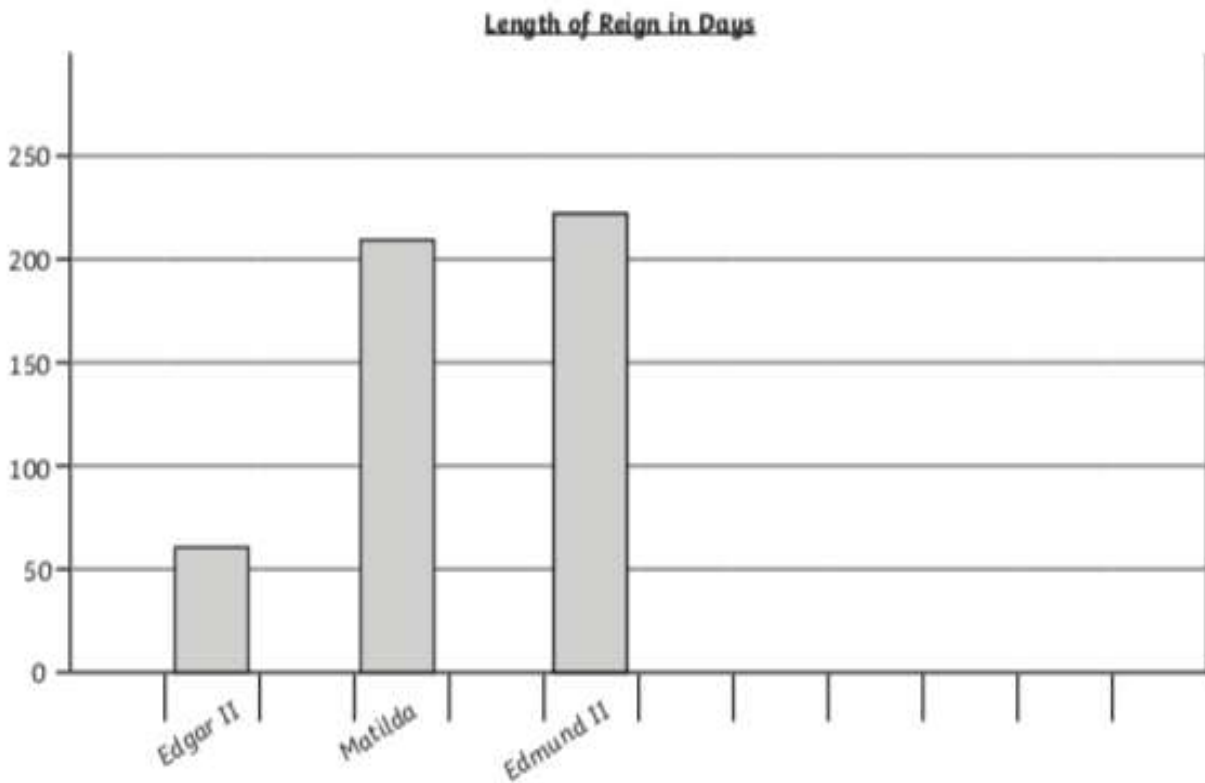
**Questions:**

- Which month has the most birthdays? \_\_\_\_\_
- Which month has the most birthdays? \_\_\_\_\_
- How many people have birthdays between April and July? \_\_\_\_\_
- How many people have birthdays between August and December? \_\_\_\_\_
- Which month has the least birthdays? \_\_\_\_\_



Look at the pictogram and bar chart showing the reigns of monarchs.

King	Length of Reign  = 5 days
Edward V of England	
Sweyn Forkbeard of England	
Lady Jane Grey	



- 1) Look at both the pictogram and bar chart.
  - a) Which monarch reigned for the longest amount of time? \_\_\_\_\_
  - b) What is the difference in time between the longest reign and shortest reign shown? \_\_\_\_\_
  - c) What is the sum of the 2 shortest reigns combined? \_\_\_\_\_
- 2) Present all the data together as either a bar chart or pictogram on graph paper.  
 Explain why you have chosen to present your data this way.

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- 3) Add the following information to your bar chart or pictogram.
  - a) Lulach ruled for 9 days fewer than the longest serving monarch shown.
  - b) Dafydd ap Gruffydd ruled for 10 days more than Matilda and Edward V combined.