

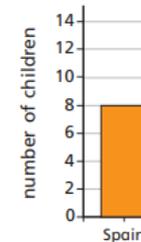
# Year 4 -Maths – Summer 2 Week 6



You will not need to print out the questions, use a piece of paper to write out the answers and do all of your working out.  
Ask someone else who lives with you to mark it for you, then you can talk about your errors! Looking forward to seeing your work!

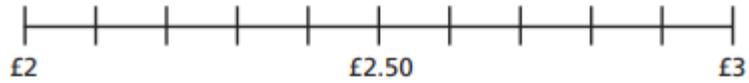
|                     | Day 1 Activity  | Day 2 Activity   | Day 3 Activity   | Day 4 Activity | Day 5 Activity |
|---------------------|---|--|--|----------------|----------------|
|                     | Try to spend 5 minutes a day practising your times tables. You can use times tables rock stars, or get an adult in your home to practice with you.<br>Choose which days you will complete activities from the CGP booklets. When you have finished each one fill in the progress chart on p74.<br>Use the times table cards you made last week to practice your times tables. |  |  |                |                |
| <b>Mental Maths</b> | CGP p26&27<br>Autumn Workout 13<br><br>Read through each question carefully before you answer.  | CGP p28&29<br>Autumn Workout 14<br><br>Read through each question carefully before you answer. | CGP p30&31<br>Autumn Workout 15<br><br>Read through each question carefully before you answer. |                |                |

|                                      | Estimating money  | Estimating money / Solving Problems  | Interpreting Charts  | Interpreting bar Charts   | Interpreting Charts  |
|--------------------------------------|---|--|--|---|--|
| <b>Problem / Activity of the day</b> | <p>Remember when rounding numbers you need to think about:</p> <p>0-4 = round down<br/>5-9 = round up.</p> <p>You will be working with money today to round pounds and pence to the nearest pound. You have been practising with rounding, so now you can use it again today.</p> <p>The number lines have values along them, can you place the values in the correct places?</p> <p>Have a go below.</p> | <p>When placing amounts of money on a number line it is important to remember that each increment goes up in values of 0.10p.</p> <p>So look at the first question. £12 at one end and £13 at the other.</p> <p>There are 10 spaces (increments) in between.</p> <p>Label each one from £12, £12.10 etc.</p> <p>Now you have done this you can then think about what all the numbers along the line are.</p> | <p>The first type of chart that you need to interpret is a pictogram.</p> <p>It asks you to find out the values for the pictures in the chart.</p> <p>Look at the first question.</p> <p><b>Key</b>  = 2 ice creams</p> <p>So if you have 3 ice creams, then <math>2 \times 3 = 6</math> ice creams all together.</p> <p>What does this mean? </p> <p>There is <math>\frac{1}{2}</math> an ice cream so half of <math>2 = 1</math></p> | <p>Look at the bar chart question for day 4. It is called a bar chart because the information is given in a series of 'bars'.</p> <p>Let's look at Spain, the orange bar. If you start for the bottom where it says zero.</p> <p>Then trace your finger along to the left. It is up to 8. So there are 8 children who have been to Spain.</p> | <p>Now you need to use all of your skills gained this week to solve the problems with the charts.</p> <p>Look carefully at the problems. READ them more than once. THINK about what they are asking you to do. They look complex and wordy, but they are easier than they look.</p> <p>Solve one step at a time.</p> <p>But you cannot solve them in the order that they come in on the sheet!</p> |



|   |   |   |   |   |  |
|---|---|---|---|---|--|
|   |  <p>Where would £2.10 go?</p> <p>Each of the increments in the line are 0.10p value, so £2.10 would be next to £2.</p> <p>Now start by labelling the line in the first question.</p> | <p>What values are the orange arrow pointing to?</p> <p>Now continue and solve the problems involving money.</p> <p>Remember to read them carefully and think about what they are asking you to do.</p> | <p>Now complete the questions for day 3.</p>  | <p>Then you have to draw a pictogram.</p> <p><b>Key</b>  = 4 children</p> <p>So there are 8 children that have been to Spain. So there would be 2 blue dots.</p> <p>So 2 children would be half a dot and 1 child would be quarter of a dot.</p> <p>Have a go!</p> |  |
| <p><b>Tips / Clues or methods to help</b></p> |   |   | <p>Keep practising, think about what they are asking you to do. They are not as difficult as they look. You have done similar activities in year 3!</p> <p>Take your time if you need any help please don't hesitate to email me and I will try and support you as best as I can.</p> |   |  |

a) Complete the number line.



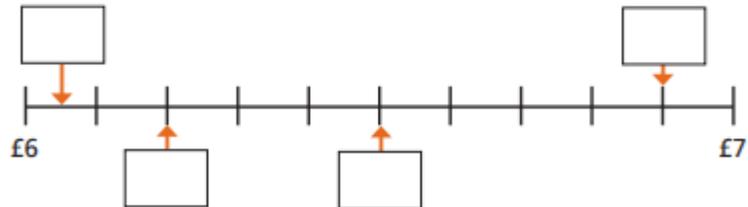
b) Circle the amounts that round to £3

c) What do you notice about the amounts that round to £2 and the amounts that round to £3?

Here are some amounts of money.



a) Use the amounts to label the number line.



b) Sort the amounts into the table.

| Rounds to £6 | Rounds to £7 |
|--------------|--------------|
|              |              |

Think about where each amount goes. Is it closer to £6 or £7?

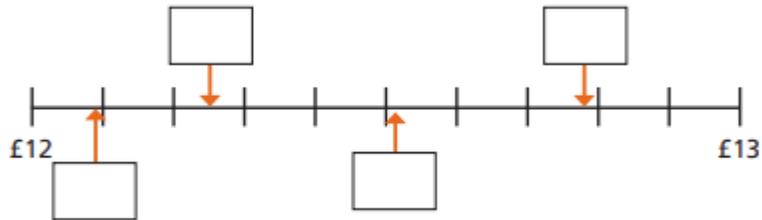
a) Draw arrows to estimate where each amount is on the number line.



Which amounts were difficult to place on the number line?

b) Which amounts round to £9?

a) Write an estimate for each of the missing amounts.



b) Which amounts round to £12?

Eva buys a book for £4.85 and a pen for £2.70



The total will be approximately £6 because £4 plus £2 is £6

What would be a more accurate estimate for Eva to make?

---

Explain your answer.

A football costs £5.65 and cones cost £1.49 each.

Alex wants to buy three footballs and four cones for the football team.

a) Round the amounts and complete the bar model to estimate the total cost.



b) Alex has this much money.



Does Alex have enough money?

Talk about it with a partner.

The pictogram shows the number of ice creams sold in a shop.

| Ice cream flavour | Number of ice creams sold   |
|-------------------|---|
| vanilla           |  |
| chocolate         |  |
| strawberry        |  |
| mint choc         |   |

Key  = 2 ice creams

a) How many vanilla ice creams were sold?

b)



The shop sold 6 chocolate ice creams.

What mistake has Annie made?

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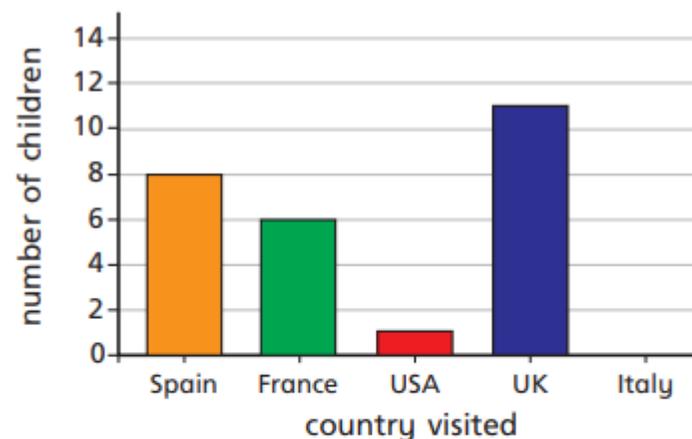
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c) How many chocolate ice creams were sold?

d) How many strawberry ice creams were sold?

e) Seven mint choc ice creams were sold.  
Complete the pictogram to show this.

The bar chart shows the number of children who went on holiday to some different countries.



a) Complete the table using the information in the bar chart.

| Country | Number of children visiting |
|---------|-----------------------------|
| Spain   |                             |
| France  |                             |
| USA     |                             |
| UK      |                             |
| Italy   |                             |

b) Complete the pictogram using the information in the bar chart.

| Country | Number of children visiting |
|---------|-----------------------------|
| Spain   |                             |
| France  |                             |
| USA     |                             |
| UK      |                             |
| Italy   |                             |

Key  = 4 children

3

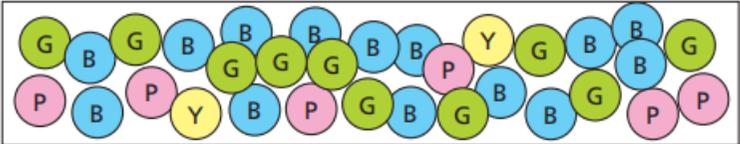


Chart A

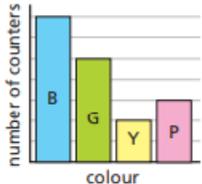


Chart B

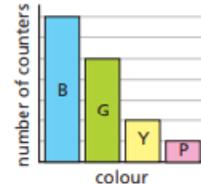
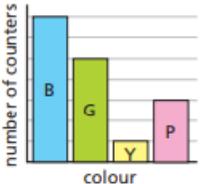


Chart C



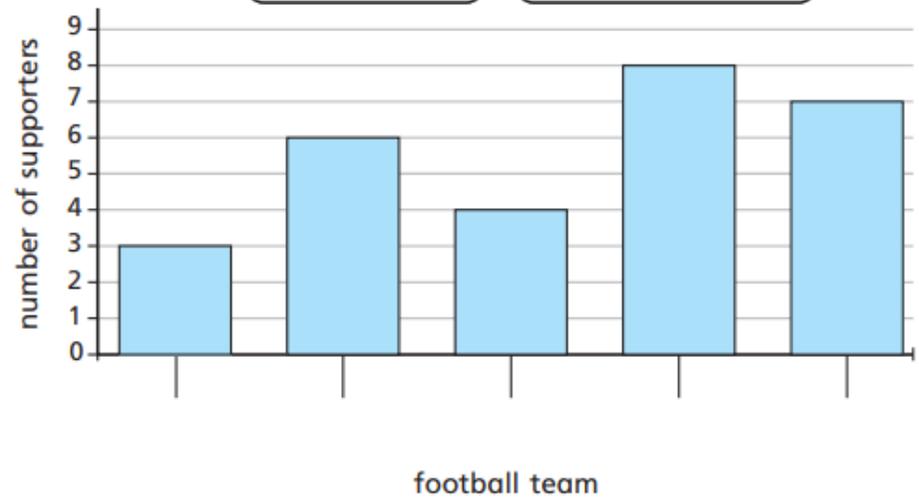
number of counters

colour

Which chart best represents the picture? \_\_\_\_\_

4 Use the clues to label the bar chart.

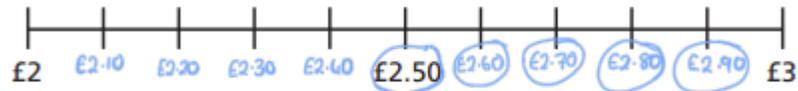
- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- More people support Halifax Town than support any other team.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.



Answers

Day 1

a) Complete the number line.



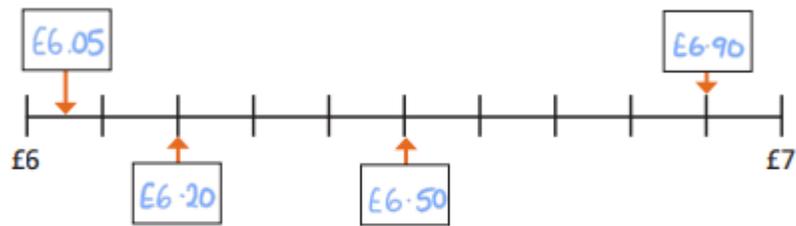
b) Circle the amounts that round to £3

c) What do you notice about the amounts that round to £2 and the amounts that round to £3?

Here are some amounts of money.



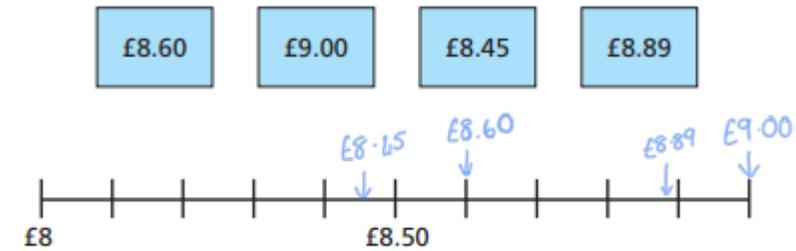
a) Use the amounts to label the number line.



b) Sort the amounts into the table.

| Rounds to £6   | Rounds to £7   |
|----------------|----------------|
| £6.05    £6.20 | £6.50    £6.90 |

a) Draw arrows to estimate where each amount is on the number line.



Which amounts were difficult to place on the number line?

b) Which amounts round to £9?

£8.60    £8.89

a) Write an estimate for each of the missing amounts.

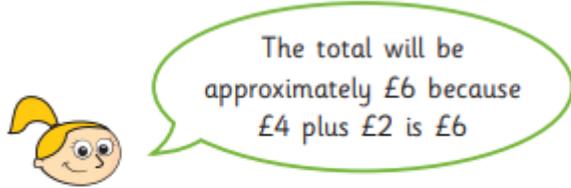


b) Which amounts round to £12?

£12.09    £12.25

Day 2

Eva buys a book for £4.85 and a pen for £2.70



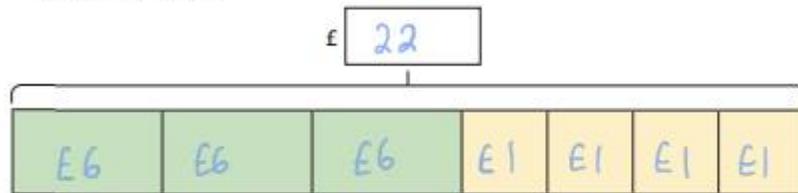
What would be a more accurate estimate for Eva to make?

£5 + £3 = £8

A football costs £5.65 and cones cost £1.49 each.

Alex wants to buy three footballs and four cones for the football team.

a) Round the amounts and complete the bar model to estimate the total cost.



b) Alex has this much money.



Does Alex have enough money?

Day 3

The pictogram shows the number of ice creams sold in a shop.

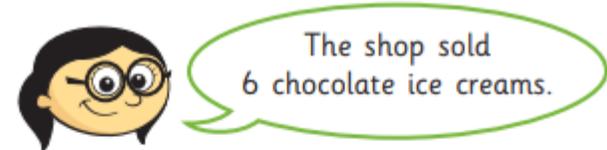
| Ice cream flavour | Number of ice creams sold |
|-------------------|---------------------------|
| vanilla           |                           |
| chocolate         |                           |
| strawberry        |                           |
| mint choc         |                           |

Key = 2 ice creams

a) How many vanilla ice creams were sold?

8

b)



What mistake has Annie made?

She has counted the number of pictures of ice creams on the pictogram.

c) How many chocolate ice creams were sold?

12

d) How many strawberry ice creams were sold?

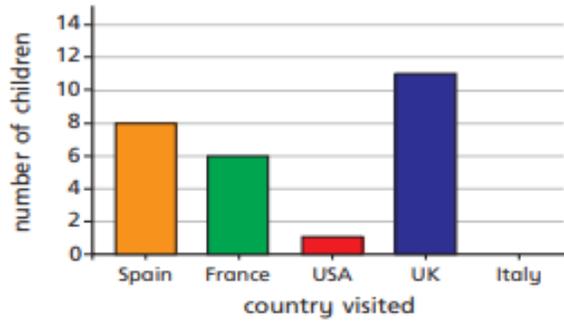
3

e) Seven mint choc ice creams were sold.

Complete the pictogram to show this.

Day 4

The bar chart shows the number of children who went on holiday to some different countries.



a) Complete the table using the information in the bar chart.

| Country | Number of children visiting |
|---------|-----------------------------|
| Spain   | 8                           |
| France  | 6                           |
| USA     | 1                           |
| UK      | 11                          |
| Italy   | 0                           |

b) Complete the pictogram using the information in the bar chart.

| Country | Number of children visiting |
|---------|-----------------------------|
| Spain   | 8                           |
| France  | 6                           |
| USA     | 1                           |
| UK      | 11                          |
| Italy   | 0                           |

Key = 4 children

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3

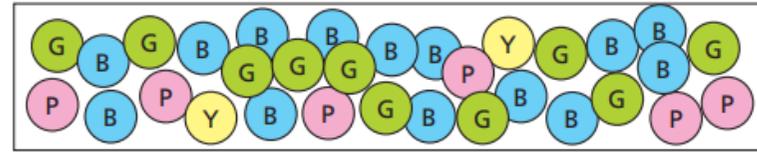


Chart A

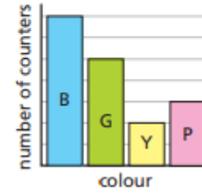


Chart B

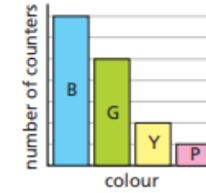
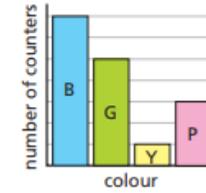


Chart C



Which chart best represents the picture?

chart C

4

Use the clues to label the bar chart.

- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- Most people support Halifax Town.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

Bradford City    Huddersfield Town    Halifax Town  
Leeds United    Manchester United

