**Gold Task 2**

Kelly chooses a **section** of a newspaper.

          It has **50 words** in it.

          She draws a bar chart of the number of letters in each word.



          What **fraction** of the 50 words have **more than 6 letters**?

|  |  |
| --- | --- |
|  |  |

1 mark

          Kelly says,

          ***23 of the 50 words have less than 5 letters.
This shows that nearly half of all the words used in the newspaper have less than 5 letters in them.***

          Explain why she **could be wrong.**

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1 mark

**Q4.**          A school collects money for charity.

          This chart shows how much has been collected.



          The target is **£3000**.

          Estimate how much **more** money the school needs to reach the target.

|  |  |
| --- | --- |
|  | **£** |

1 mark

          Anil says,

***The chart shows that we will reach the target in two months.***

          Use the chart to explain why Anil may be wrong.

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**Q5.**          Here is a bar chart showing rainfall.



          Kim draws a dotted line on the bar chart.

          She says,

          ***‘The dotted line on the chart shows the mean rainfall for the four months.’***

          Use the chart to explain why Kim **cannot** be correct.

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1 mark

          What is the **mean** rainfall for the four months?

|  |  |
| --- | --- |
|  | **mm** |

1 mark

**Q10.**



          This chart shows the amount of money spent in a toy shop in three months.



          How much **more** money was spent in the shop in **December** than in **November**?

|  |  |
| --- | --- |
|  | **£** |

1 mark

          Stepan says,

          ***‘In November there was a 100% increase on the money spent in October’.***

          Is he correct?

          Circle Yes or No.                                                                          **Yes  /  No**

          Explain how you can tell from the chart.

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**Q13.**          Some children take part in the long jump.



          The graph shows the distances the children jumped.



          **Estimate** how much further Lucy jumped than Nicola.

|  |  |
| --- | --- |
|  | **cm** |

1 mark

**Q17.**          All the children at Park School chose their favourite soup.

          The graph shows the results.



          How many **more** children chose **chicken** soup than **mushroom** soup?



|  |  |
| --- | --- |
|  |  |

1 mark

          Robbie says,

          **‘More than half of the children chose tomato soup’.**

          Is he correct?

          Circle Yes or No.

 Yes / No

          Explain how you can tell from the graph.

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