

**Foundation Targets 3**

|  |  |  |
| --- | --- | --- |
| **Q** | **Question** | **Answer** |
| **1** | A factor of 40 is chosen at random.  What is the probability that it is a  2- digit number |  |
| **2** | A triangle has an area of 35cm2 and perpendicular height of 14cm. What is the length of the base? |  |
| **3** | Put these values in ascending order  33%, , 0.303, |  |
| **4** | Subtract the first 3-digit cube number from the first 4-digit cube number. |  |
| **5** | The two shapes are similar. Work out the value of x and y.  y°  109° 18cm  X  5cm 20cm |  |
| **6** | A shop sells two brands of battery. Brand A costs £1.68 for 6 batteries and powers a toy for 4 hours. Brand B costs £1.27 for 4 batteries and powers a toy for 4hours. Which is the better value? |  |
| **7** | An exam has two papers.  Ismail scores  37 out of 70 on paper 1  and  82 out of 100 on paper 2  Work out his percentage score for the exam. |  |
| **8** | Green paint is made by mixing yellow paint and blue paint in the ratio 7 : 3  Hannah has 28 litres of yellow paint and 7.5 litres of blue paint. What is the maximum amount of green paint she can make? |  |