**MEASUREMENT IS APPROXIMATE.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Q** | Measurement | **Accuracy** | **Possible measurements** | **Min** | **Max** |
| **1** | 5m | Nearest m |  |  |  |
| **2** | 7cm | Nearest cm |  |  |  |
| **3** | 25km | Nearest km |  |  |  |
| **4** | 3.50m | Nearest 10 cm |  |  |  |
| **5** | 8600m | Nearest 100m |  |  |  |
| **6** | 3.5cm | Nearest mm |  |  |  |
| **7** | 5.3cm | 1 d.p. |  |  |  |
| **8** | 860g | Nearest 10g |  |  |  |
| **9** | 500m | Nearest 10m |  |  |  |
| **10** | 500m | Nearest m |  |  |  |

**11.** For each of the following rectangles, the lengths have been measured to the **nearest cm**. Find the maximum and minimum possible values for the area of each shape:

a) b) c)

  

**12.** For each of the following rectangles, the lengths have been measured to the **nearest mm**. Find the maximum and minimum possible values for the area of each shape:

a) b) c)

  