

Working out lengths

Work out the answers to these length problems.

1. The table below shows the results from a shot putt competition:

Name of competitor	Throw (in metres)
Joanne Martin	10.07
Marion Smith	9.5
Belinda Roberts	10.11
Caitlin Ferry	8.99
Emma Jones	10.2
Asmita Chauhan	10.09
Chrissie Summers	8.65

Who came **first**, **second** and **third** in the competition?

2. Material costs £26 per metre. How much does five metres cost?

3. A fairground ride states that children must be at least 1.2 m tall.

Which of these children **can** go on the ride?

Sunni: 1 m 5 cm James: 1 m 25 cm Jane: 1 m 12 cm

Sam: 1 m 2 cm Grace: 1 m 30 cm Carl: 1 m 19 cm



4. How many 8 cm lengths of ribbon can you cut from a piece measuring 90 cm? What length of ribbon is left over?



5. A passport photograph should measure 45 mm × 35 mm. What is this in centimetres?

6. A 2-metre length of wood is cut into four equal pieces. How long is each piece?

7. Jack has to buy enough wood to build three shelves in the garage.

Each shelf needs to be 85 cm long. How much wood does he need to buy? Show your answer in metres and centimetres.

