

Shape Problems 1



1. A man has a square garden. Each side is 12m long. How far is it around the edge of the garden?

2. The school playing field is a rectangle 120m long. Sally walks round the playground. She walks 364m in total. What is the width of the playground?

3. Emma uses a piece of string to measure the distance around a regular pentagon. The distance is 85cm, how long is each side?

4. A rectangular picture frame is three times as long as it is wide. If it is 28cm wide, what is the distance all the way round the frame?



5. Mr Smith jogs round the school field 4 times a day. He runs a total distance of 1600m. If the school field is square what is the length of each of its sides?

6. Gina uses some ribbon to go round 3 rectangular cakes. Each cake is 48cm long and 32cm wide how much ribbon does she need?



Shape Problems 2



1. A man has a square garden. It takes him 4 minutes to walk round the garden twice. If it takes him 5 seconds to walk 10 metres, how long is one side of his garden?

2. The school playing field is a rectangle 128m long. Sally walks round the playground. She walks 364m in total. What is the width of the playground?

3. Emma uses a piece of string to measure the distance around a regular pentagon. The distance is 137.5cm, how long is each side?

4. A rectangular picture frame is three times as long as it is wide. If it is 114cm long, what is the distance all the way round the frame?



5. Mr Smith jogs round the school field 4 times a day. He runs a total distance of 1800m. If the school field is square what is the length of each of its sides?

6. Gina uses some ribbon to go round 3 rectangular cakes. Each cake is 48cm long and 32cm wide how much ribbon does she need? Ribbon costs 75p per metre and is bought to the nearest half metre, how much does it cost?

