

Length Problems

1. On Monday Peter walks 0.2km to the shop, 1.78km to school and 568m around the school building. On Tuesday he walks 0.2km to the shop, gets a lift to school, walks 398m around the school building and 1.94m to karate. On which day did Peter walk the most?
2. The front cover of a book is 17.9cm long and 11.5cm wide. What is the perimeter of a book cover twice the size of this one?
3. A gardener plants carrot seeds 1.2cm apart in a 3 metre trench. How carrot seeds will he need to plant 5 trenches?
4. Belle runs 7.8km three times a week. Holly runs 5.6km five times a week. How many more metres does Holly run per week?
5. Jordan records three laps of the velodrome at 34 secs, 43 secs and 39 secs. Thomas records his three laps as 45 secs, 36 secs and 46 secs. Who has the lowest average?
6. The council need to place traffic cones along a straight road at 228 metres long. There are 57 traffic cones. How far apart will the traffic cones be if they are spaced evenly?
7. Toby has a piece of string 210mm long. He cuts it into 15 even pieces. Ron has a piece of string 135mm long. He cuts it into 9 even pieces. Who's pieces of string are the shortest?
8. A car travels about 2.4km in one minute. How far does it travel in one second in metres?
9. A ribbon is 2.6m long. 80cm is cut off. How many 30cm lengths can be cut from the remaining ribbon?
10. Sheila swims 3km every day. The pool is 60m long. How many lengths does Sheila swim in a fortnight?

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1. On Monday Peter walks 0.2km to the shop, 1.78km to school and 568m around the school building. On Tuesday he walks 0.2km to the shop, gets a lift to school, walks 398m around the school building and 1.94m to karate. On which day did Peter walk the most? **Monday**
2. The front cover of a book is 17.9cm long and 11.5cm wide. What is the perimeter of a book cover twice the size of this one? **117.6cm**
3. A gardener plants carrot seeds 1.2cm apart in a 3 metre trench. How carrot seeds will he need to plant 5 trenches? **1250 seeds**
4. Belle runs 7.8km three times a week. Holly runs 5.6km five times a week. How many more metres does Holly run per week? **4600m**
5. Jordan records three laps of the velodrome at 34 secs, 43 secs and 39 secs. Thomas records his three laps as 45 secs, 36 secs and 46 secs. Who has the lowest average? **Thomas**
6. The council need to place traffic cones along a straight road at 228 metres long. There are 57 traffic cones. How far apart will the traffic cones be if they are spaced evenly? **4m**
7. Toby has a piece of string 210mm long. He cuts it into 15 even pieces. Ron has a piece of string 135mm long. He cuts it into 9 even pieces. Who's pieces of string are the shortest? **Toby**
8. A car travels about 2.4km in one minute. How far does it travel in one second in metres? **40m**
9. A ribbon is 2.6m long. 80cm is cut off. How many 30cm lengths can be cut from the remaining ribbon? **6**
10. Sheila swims 3km every day. The pool is 60m long. How many lengths does Sheila swim in a fortnight? **700**