

Year 5 - Measurement

Week 3

Lesson 3 problem solving using measurement – part 2

Challenge 1

Multiply these measurements together and show your answer in km:

a)  $5,260\text{m} \times 3 =$

b)  $3,720\text{m} \times 6 =$

c)  $9,210\text{m} \times 5 =$

Divide these measurements and show your answer in m:

d)  $4,936\text{cm} \div 4 =$

e)  $7,245\text{cm} \div 3 =$

f)  $9,456\text{cm} \div 3 =$

Challenge 2

- a) The wall of my living room is painted by five people. The wall is 2.3m long. In cm, how much does each person paint?
- b) The total length of a carpet is 360cm. It is cut into three sections. In m, how long is each piece of carpet?
- c) James runs 510m. I run four times further. In km, how much do I run?

Challenge 3



Terry the tortoise says:

“ $\frac{3}{10}$  of a meter is bigger than  $\frac{2}{5}$  of a meter because 3 is bigger than 2.”

Show/explain that Terry is wrong.