YEAR 6 • MEASUREMENT

Converting Metric Units of Length

Practise changing between millimetres, centimetres, metres and kilometres.

Name _____ **Date** _____

Metric length facts

10 mm = 1 cm • 100 cm = 1 m • 1,000 m = 1 km

To change to a smaller unit, multiply. To change to a larger unit, divide.

1 Convert each measurement

Write the correct unit.

1. 4,700 mm = _____ cm
2. 3.6 m = _____ cm
3. 8 km = _____ m
4. 5,250 m = _____ km
5. 0.82 m = _____ mm
6. 96 cm = _____ mm
7. 7,300 cm = _____ m
8. 0.045 km = _____ m

2 Find the missing measurement

Fill in each blank.

9. _____ cm = 4.5 m
10. 6.2 m = _____ mm
11. 3 km = _____ cm
12. _____ m = 750 cm

3 Use your skills

Show your working and include units.

13. A walking route is 2.4 km long. Kai has walked 850 m. How many metres does he have left?

14. A 3.6 m ribbon is cut into 8 equal pieces. How many centimetres long is each piece?

15. A model train travels 1.25 km. How many millimetres is this?

Before you finish: Check that each answer has the right unit and is a sensible size.