Units and converting measures

Name: _____ Date: _____



Mr Boston says: Check your answer makes sense: there should be more of a smaller unit.

A. Metric conversions

Big to small: multiply. Small to big: divide.

1 74 km = ____ m

Answer: _____

2 11.9 m = ____ cm

Answer: _____

3 31.5 cm = ____ mm

Answer: _____

4 11.6 kg = ____ g

Answer: _____

5 76.5 litres = ____ ml

Answer: _____

6 3,916 m = ____ km

Answer: _____

7 5,871 cm = ____ m

Answer: _____

8 5,560 mm = ____ cm

Answer: _____

9 3,889 g = ____ kg

Answer: _____

B. Approximations and speed

10 Using 5 miles ≈ 8 km, convert 45 miles to km.

Answer: _____

11 Using 1 kg ≈ 2.2 lb, convert 15 kg to pounds (lb).

Answer: _____

12 A car travels 210 km in 3 hours. What is the average speed?

Answer: _____

13 A train travels at 80 km/h for 2.5 hours. How far does it go?

Answer: _____

14 Add 1.2 m and 45 cm. Give your answer in cm.

Answer: _____

15 A jug holds 1.5 litres. How many 250 ml glasses can be filled?

Answer: _____

Answers for grown-ups

Units and converting measures

1. 74 km = ____ m → **74,000**
2. 11.9 m = ____ cm → **1,190**
3. 31.5 cm = ____ mm → **315**
4. 11.6 kg = ____ g → **11,600**
5. 76.5 litres = ____ ml → **76,500**
6. 3,916 m = ____ km → **3.916**
7. 5,871 cm = ____ m → **58.71**
8. 5,560 mm = ____ cm → **556**
9. 3,889 g = ____ kg → **3.889**
10. Using 5 miles ≈ 8 km, convert 45 miles to km. → **72 km**
11. Using 1 kg ≈ 2.2 lb, convert 15 kg to pounds (lb). → **33 lb**
12. A car travels 210 km in 3 hours. What is the average speed? → **70 km/h**
13. A train travels at 80 km/h for 2.5 hours. How far does it go? → **200 km**
14. Add 1.2 m and 45 cm. Give your answer in cm. → **165 cm**
15. A jug holds 1.5 litres. How many 250 ml glasses can be filled? → **6**