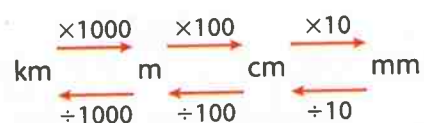


TARGET To convert between standard units of length, mass and capacity and between miles and kilometres.

UNITS OF LENGTH

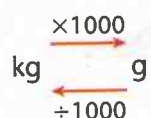


1 mile = 1.6 km
8 km = 5 miles

Examples

3 km 517 m = 3517 m = 3.517 km
2 m 96 cm = 296 cm = 2.96 m
1 cm 4 mm = 14 mm = 1.4 cm

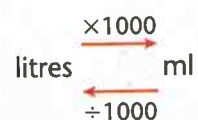
UNITS OF MASS



Examples

2 kg 700 g = 2700 g = 2.7 kg
6 kg 390 g = 6390 g = 6.39 kg
0 kg 105 g = 105 g = 0.105 kg

UNITS OF CAPACITY



Examples

1 litre 250 ml = 1250 ml = 1.25 litres
4 litres 600 ml = 4600 ml = 4.6 litres
5 litres 825 ml = 5825 ml = 5.825 litres

A

Copy and complete.

- 1 2 cm 4 mm = mm = cm
- 2 0 m 76 cm = cm = m
- 3 15 km 200 m = m = km
- 4 0 kg 800 g = g = kg
- 5 1 litre 100 ml = ml = litres
- 6 0 cm 6 mm = mm = cm
- 7 3 m 15 cm = cm = m
- 8 0 km 300 m = m = km
- 9 8 kg 290 g = g = kg
- 10 0 litres 900 ml = ml = litres
- 11 110 mm = cm mm = cm
- 12 238 cm = m cm = m
- 13 4700 m = km m = km
- 14 12 600 g = kg g = kg
- 15 520 ml = litres ml = litres
- 16 359 mm = cm mm = cm
- 17 720 cm = m cm = m
- 18 2650 m = km m = km
- 19 530 g = kg g = kg
- 20 9400 ml = litres ml = litres

Change to km.

Change to miles

- | | |
|-------------|----------|
| 21 9 miles | 25 32 km |
| 22 35 miles | 26 60 km |
| 23 80 miles | 27 96 km |
| 24 67 miles | 28 44 km |

B

Copy and complete.

- 1 4.35 m = m cm = cm
- 2 0.027 m = m mm = mm
- 3 16.88 km = km m = m
- 4 0.06 kg = kg g = g
- 5 3.1 litres = litres ml = ml
- 6 0.7 m = cm = m cm
- 7 0.18 m = mm = m mm
- 8 5.296 km = m = km m
- 9 0.435 kg = g = kg g
- 10 0.002 litres = ml = litres ml
- 11 809 cm = m cm = m
- 12 2536 mm = m mm = m
- 13 48 m = km m = km
- 14 1727 g = kg g = kg
- 15 93 ml = litres ml = litres
- 16 6 cm = m = m cm
- 17 374 mm = m = m mm
- 18 519 m = km = km m
- 19 68 g = kg = kg g
- 20 12 130 ml = litres = litres ml

Change to km.

Change to miles.

- | | |
|----------------|------------|
| 21 22.9 miles | 25 5.4 km |
| 22 9.3 miles | 26 180 km |
| 23 157.2 miles | 27 17.6 km |
| 24 314.4 miles | 28 78 km |

C

Copy and complete by putting >, < or = in each box.

- 1 700 g 0.007 kg 70 g
- 2 900 m 900 000 mm 0.009 km
- 3 0.004 litres 4 ml 0.04 litres
- 4 30 m 30 000 cm 0.3 km
- 5 8000 ml 0.8 litres 800 ml
- 6 0.2 cm 0.02 m 200 mm
- 7 0.06 kg 60 g 0.006 kg
- 8 50 000 mm 0.05 km 50 000 cm

Change to km.

Change to miles.

- | | |
|----------------|------------|
| 9 0.92 miles | 13 155 km |
| 10 219.3 miles | 14 41.8 km |
| 11 6.77 miles | 15 23.4 km |
| 12 138.6 miles | 16 87 km |

- 17 The combined weight of 12 identical bricks is 9.45 kg. What does one brick weigh in grams?

- 18 France has 1950 miles of coastline and land borders 2889 km long. Give the length of the country's perimeter in:



- a) miles
b) kilometres.

- 19 A serving of custard is 135 ml. How much custard is needed for 18 servings? Give your answer in litres.