

QUIZ Grades 6-8 · ages 11-14

Metric conversion quiz



12 multiple choice and 3 short answer. Round answers to the nearest tenth where the question needs it.

Name _____ Date _____ Class _____

Score _____ / 15

A**Multiple choice**

Circle the letter of the one best answer.

- 1 Convert 93.5 L to mL.
(A) 9,350 mL (B) 935,000 mL (C) 93,500 mL (D) 9,350,000 mL
- 2 Convert 211 mm to cm.
(A) 21.1 cm (B) 211 cm (C) 2.11 cm (D) 2,110 cm
- 3 Convert 50 m to ft.
(A) 15.2 ft (B) 1,640 ft (C) 164.0 ft (D) 150 ft
- 4 Convert 150 lb to kg.
(A) 330.7 kg (B) 68.0 kg (C) 75 kg (D) 680 kg
- 5 Convert 12 fl oz to mL.
(A) 35.5 mL (B) 354.9 mL (C) 3,549 mL (D) 0.4 mL
- 6 Convert 15 in to cm.
(A) 38.1 cm (B) 5.91 cm (C) 45 cm (D) 381 cm
- 7 Convert 350 °F to °C.
(A) 162.4 °C (B) 176.7 °C (C) 318 °C (D) 572.4 °C
- 8 Convert 0 °F to °C.
(A) -32 °C (B) -15 °C (C) -57.6 °C (D) -17.8 °C
- 9 Work out 0.5 L + 350 mL in mL.
(A) 85 mL (B) 350.5 mL (C) 8,500 mL (D) 850 mL

10 Which prefix means 1,000,000,000,000 times the base unit?

- (A) tera (B) kilo (C) micro (D) hecto

11 Which is the smallest amount?

- (A) 12 km (B) 250 m (C) 600 cm (D) 120 mm

12 Convert 50,000 cm² to m².

- (A) 500 m² (B) 0.5 m² (C) 5 m² (D) 50 m²

B**Short answer**

Write the answer with its unit. Show your working in the margin if you need to.

13 Convert: 1,000 mL to cups.

14 Convert: 22 °C to °F.

15 A charity run is 10 miles long. How many kilometers is that? Round to the nearest tenth.
