Year 5 maths: Units of length, mass and capacity (Medium)

Maths · Measurement
Level: Medium

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Write 3 m 45 cm as a decimal number of metres.

Answer: ☐ m

Working:

2. Which is the greater distance: 5.3 m or 5 m 3 cm?

Circle one answer.

○ **A** 5.3 m ○ **B** 5 m 3 cm

○ **C** They are the same

3. A pumpkin has a mass of 1 kg 275 g. How many grams is that?

Answer: ☐ g

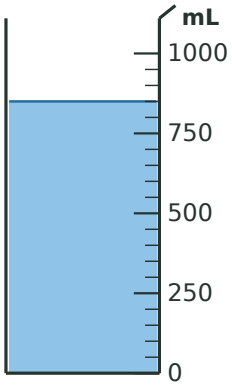
Working:

4. A bag holds 2 kg of sugar. Ana scoops out 500 g. How many grams are left?

Answer: ☐ g

Working:

5. How much water is in the jug? Read the level. Answer: ____ mL



Working:

6. Which is the best unit for the length of a football field?

Circle one answer.

○ **A** grams ○ **B** metres ○ **C** millimetres ○ **D** kilometres

7. A builder has a 20 kg bag of cement and uses 7500 g. How many kilograms are left? Answer: ____ kg

Working:

8. Which distance is the greatest?

Circle one answer.

○ **A** 2.4 km ○ **B** 2300 m ○ **C** 240 000 cm

○ **D** 2 km 500 m

9. A bush track is 1.2 km long. Zoe has run 850 m of it. How many metres are left? Answer: ____ m

Working:

10. An empty bottle has a mass of 350 g. Filled with water it has a mass of 2 kg. What is the mass of the water, in grams? Answer: ____ g

Working:

Answer key

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1. 3.45 m

45 cm is 45 hundredths of a metre: 3.45 m.

2. A — 5.3 m

5.3 m is 530 cm. 5 m 3 cm is 503 cm. 530 cm is more.

3. 1275 g

1 kg is 1000 g. 1000 + 275 = 1275 g.

4. 1500 g

2 kg is 2000 g. 2000 - 500 = 1500 g.

5. 850 mL

Each small mark is 50 mL. Count up from 750: 800, 850. The water is at 850 mL.

6. B — metres

A football field is about 100 metres long, so metres are best.

7. 12.5 kg

7500 g = 7.5 kg. 20 − 7.5 = 12.5 kg left.

8. D — 2 km 500 m

In metres: 2 km 500 m = 2500 m, 2300 m, 240 000 cm = 2400 m, 2.4 km = 2400 m. The greatest is 2500 m.

9. 350 m

1.2 km = 1200 m. 1200 − 850 = 350 m.

10. 1650 g

2 kg = 2000 g. 2000 − 350 = 1650 g of water.