Measurement and converting

Name: _____ **Date:** _____

REMEMBER: "Kilo" means **1 000**: 1 km = 1 000 m, 1 kg = 1 000 g and 1 l = 1 000 ml. Also, 1 m = 100 cm and 1 cm = 10 mm. From a **big** unit to a **small** one you multiply, because many small units fit into one big one.

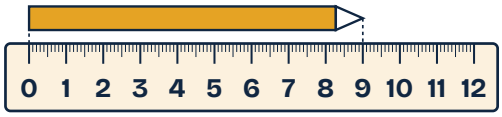
Length, mass and capacity.

1. 3 m = _____ cm
Answer: _____

2. 2 kg = _____ g
Answer: _____

3. 6 cm = _____ mm
Answer: _____

4. How long is the pencil?



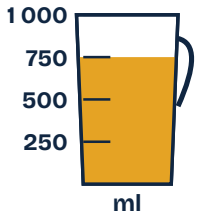
Answer: _____

5. 2 500 g = _____ kg _____ g
Answer: _____

6. 4 500 ml = _____ l _____ ml
Answer: _____

7. ½ km = _____ m
Answer: _____

8. How much milk is in the measuring jug?



Answer: _____

9. Order from lightest to heaviest: 1 200 g; 750 g; 1 kg
Answer: _____

10. Which unit do you use to measure the mass of a watermelon: g or kg?
Answer: _____

11. 1 l 200 ml + 800 ml = _____ l

Answer: _____

12. A fish tank holds 2 l of water. Sipho fills it with a 250 ml jug. How many jugs of water does he pour in?

Answer: _____

13. A bag of flour weighs 5 kg. Lebo uses 1 kg 750 g. How much flour is left?

Answer: _____

14. Annika cuts a 3 m rope into pieces of 25 cm. How many pieces does she get?

Answer: _____

15. Kagiso walks 750 m to the shop and back home again. How far does he walk altogether? Write in km and m.

Answer: _____

I got _____ out of 15 ☆☆☆

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Measurement and converting – Memorandum

Show your child the steps – not just the answer.

1. **300**
1 m = 100 cm; 3 × 100 = 300

2. **2 000**
1 kg = 1 000 g; 2 × 1 000 = 2 000

3. **60**
1 cm = 10 mm; 6 × 10 = 60

4. **9 cm**
The pencil starts at 0 and ends at 9

5. **2 kg 500 g**
2 500 = 2 000 + 500; 2 000 g = 2 kg

6. **4 l 500 ml**
4 500 = 4 000 + 500; 4 000 ml = 4 l

7. **500**
1 km = 1 000 m; half of 1 000 = 500

8. **750 ml**
Each mark is 250 ml; the milk is at the 3rd mark: 3 × 250 = 750

9. **750 g; 1 kg; 1 200 g**
Change everything to grams: 1 kg = 1 000 g; 750 < 1 000 < 1 200

10. **kg**
A watermelon is heavy (a few kilograms); g is for light things

11. **2**
200 ml + 800 ml = 1 000 ml = 1 l; 1 l + 1 l = 2 l

12. **8 jugs**
2 l = 2 000 ml; 1 000 ml ÷ 250 = 4, so 2 000 ml ÷ 250 = 8

13. **3 kg 250 g**
5 kg = 5 000 g; 1 kg 750 g = 1 750 g; 5 000 − 1 750 = 3 250 g = 3 kg 250 g

14. **12 pieces**
3 m = 300 cm; 100 cm ÷ 25 = 4, so 300 cm ÷ 25 = 12

15. **1 km 500 m**
750 + 750 = 1 500 m = 1 km 500 m

Stars: 8 right = 1 star · 12 right = 2 stars · 15 right = 3 stars ☆☆☆

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