Converting units

Name: _____ Date: _____

Remember: 1 km = 1 000 m · 1 m = 100 cm · 1 cm = 10 mm · 1 kg = 1 000 g · 1 ℓ = 1 000 mℓ. Big → small unit: **multiply**. Small → big unit: **divide**. **Why?** A smaller unit fits in more times.

1. 3,5 km = ___ m

Answer: _____

2. 2 750 g = ___ kg

Answer: _____

3. 4,25 ℓ = ___ mℓ

Answer: _____

4. 85 cm = ___ m

Answer: _____

5. 6,4 cm = ___ mm

Answer: _____

6. 0,375 kg = ___ g

Answer: _____

7. 1 250 m = ___ km

Answer: _____

8. 3,08 m = ___ cm

Answer: _____

9. Which is more: 1,2 kg or 1 150 g?

Answer: _____

10. Order from small to big: 0,5 ℓ · 450 mℓ · 0,505 ℓ

Answer: _____

11. 1,5 ℓ + 750 mℓ = ___ mℓ

Answer: _____

12. 4 m − 1,35 m = ___ cm

Answer: _____

13. A farmer fills 6 bags with 750 g of seeds each. How many kilograms is that altogether?

Answer: _____

14. A tap gives 2,4 ℓ of water per minute. How many mℓ is that in 5 minutes?

Answer: _____

15. How many glasses of 250 mℓ can you pour from a 2 ℓ bottle?

Answer: _____

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I got _____ out of 15 ★ ★ ★

Memo · Converting units

1. **3 500 m**
Big to small: × 1 000

2. **2,75 kg**
Small to big: ÷ 1 000

3. **4 250 mℓ**
Big to small: × 1 000

4. **0,85 m**
Small to big: ÷ 100

5. **64 mm**
Big to small: × 10

6. **375 g**
Big to small: × 1 000

7. **1,25 km**
Small to big: ÷ 1 000

8. **308 cm**
Big to small: × 100

9. **1,2 kg**
1,2 kg = 1 200 g, and 1 200 g > 1 150 g.

10. **450 mℓ · 0,5 ℓ · 0,505 ℓ**
Everything in mℓ: 500, 450, 505.

11. **2 250 mℓ**
1,5 ℓ = 1 500 mℓ; 1 500 + 750 = 2 250

12. **265 cm**
400 cm − 135 cm = 265 cm

13. **4,5 kg**
6 × 750 g = 4 500 g = 4,5 kg

14. **12 000 mℓ**
2,4 ℓ = 2 400 mℓ; 2 400 × 5 = 12 000 mℓ

15. **8**
2 ℓ = 2 000 mℓ; 2 000 ÷ 250 = 8

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