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Answer key - Physics and Chemistry * 3rd ESO

Conversion factors

1. Convert 72 km/h to m/s.

Answer: 20 m/s

Method:

1. 72 x 1000 / 3600 = 20 m/s.

2. Convert 15 m/s to km/h.

Answer: 54 km/h

Method:

1. 15 x 3600 / 1000 = 54 km/h.

3. Convert 250 cm to m.

Answer: 2.5 m

Method:

1. 250 / 100 = 2.5 m.

4. Convert 750 g to kg.

Answer: 0.75 kg

Method:

1. 750 / 1000 = 0.75 kg.

5. Convert 2.5 min to s.

Answer: 150 s

Method:

1. 2.5 x 60 = 150 s.

6. Convert 6 km to m.

Answer: 6000 m

Method:

1. 6 x 1000 = 6000 m.