

Density and speed calculations

Fysik - grade 7-8

Name: _____ Date: _____ Score: _____

1. Mass 54 g, volume 20 cm³. Density?

Answer: _____

2. A car drives 120 km in 3 h. Average speed?

Answer: _____

3. Mass 100 g, volume 100 cm³. Density?

Answer: _____

4. Mass 113 g, volume 10 cm³. Density?

Answer: _____

5. A car drives 90 km in 1.5 h. Average speed?

Answer: _____

6. A car drives 300 km in 3 h. Average speed?

Answer: _____

7. A car drives 300 km in 1.5 h. Average speed?

Answer: _____

8. Mass 79 g, volume 10 cm³. Density?

Answer: _____

9. A car drives 90 km in 2 h. Average speed?

Answer: _____

10. A car drives 120 km in 1.5 h. Average speed?

Answer: _____

Density and speed calculations - Answer key

Fysik - grade 7-8

Name: _____ Date: _____ Score: _____

1. Mass 54 g, volume 20 cm³. Density?

2.70 g/cm³

2. A car drives 120 km in 3 h. Average speed?

40 km/h

3. Mass 100 g, volume 100 cm³. Density?

1.00 g/cm³

4. Mass 113 g, volume 10 cm³. Density?

11.30 g/cm³

5. A car drives 90 km in 1.5 h. Average speed?

60 km/h

6. A car drives 300 km in 3 h. Average speed?

100 km/h

7. A car drives 300 km in 1.5 h. Average speed?

200 km/h

8. Mass 79 g, volume 10 cm³. Density?

7.90 g/cm³

9. A car drives 90 km in 2 h. Average speed?

45 km/h

10. A car drives 120 km in 1.5 h. Average speed?

80 km/h