

Resource sheet 4.3B

- 1 Xavier cuts a 4 m length of rope into three equal pieces. How long is each piece?
- 2 Shen pours 2 litres of water equally into seven glasses. How much water is there in each glass?
- 3 Sound travels about one kilometre in three seconds in air. How many metres does the sound travel in one second?
- 4 Sound travels about 8.92 kilometres in six seconds through water. How many metres does the sound travel through water in one second?
- 5 Sound travels about 40.5 kilometres in seven seconds through steel. How many metres does the sound travel through steel in one second?
- 6 Harsha cuts a 0.5 kg fruit cake into six equal slices. How heavy is each piece?
- 7 Sasha put six baby guinea pigs on some weighing scales. The scales read 328.3 g. How much does each baby guinea pig weigh, on average?
- 8 Mia makes a loaf of bread. She uses 0.5 kg of flour, 0.01 kg of salt, 0.007 kg of yeast, 0.055 kg of olive oil and 0.3 kg of water. When it is finished, Mia cuts it into 11 equal slices. How much does each slice weigh?
- 9 Three friends have \$3.75, \$3.67 and \$3.70. If they shared the money equally, how much would they have each?
- 10 Anders posted a box containing nine books. The post office weighed it as 10.354 kg. Anders knows the box weighs 0.254 kg. How much does each book weigh?

Work out the answer to each question.

- a Write down the answers as if you were giving them to a friend.
- b Write down the answers as if you were giving them to a scientist.

Question	Friend	Scientist
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