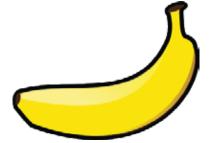# Mass Word Problems

Solve the following word problems. Show number sentence and your workings.

1. An banana has a mass of 175 grams. What is the mass of 6 such bananas?

2. The mass of a telephone is 918 grams. The mass of a mp3 player is half of that. What is the mass of the mp3 player?

3. 3 identical penquins have a total mass of 360 kilograms What is the mass of 1 penquin?

4. The price of 3 kilograms of apples is 9 dollars. What is the price of 5 kilograms of apples?

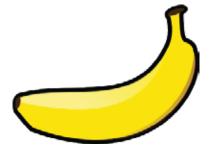5. A car weighs 2,400 kilograms and is 4 times heavier than a motorbike? What's the mass of the motorbike?

6. A liter of water has a mass of 1,000 grams. What is the mass of half a liter of water?

Answers

Solve the following word problems. Show number sentence and your workings.

1. An banana has a mass of 175 grams. What is the mass of 6 such bananas?

   5 x 175 = 1,050 g or 1 kg 50 g

2. The mass of a telephone is 918 grams. The mass of a mp3 player is half of that. What is the mass of the mp3 player?

   918 ÷ 2 = 459 g

3. 3 identical penquins have a mass of 360 kilograms together. What is the mass of 1 penquin?

   360 ÷ 3 = 120 kg

4. The price of 3 kilograms of apples is 9 dollars. What is the price of 5 kilograms of apples?

   (9 ÷ 3) x 5 = 15 dollars

5. A car weighs 2,400 kilograms and is 4 times heavier than a motorbike? What's the mass of the motorbike?

   2,400 ÷ 4 = 600 kg

6. A liter of water has a mass of 1,000 grams. What is the mass of half a liter of water?

   1,000 ÷ 2 = 500 g