

Mass Word Problems

Name: _____ Class: _____

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

1. An apple has a mass of 250 grams. What is the mass of 5 apples?



2. The mass of a book is 1,615 grams. A watermelon is 385 grams heavier. What is the mass of the watermelon?

3. 2 identical zebras have a total mass of 1,200 kg. What is the mass of 1 zebra?



4. The price of 100 grams of gold is 4,260 dollars. What is the price of 300 grams of gold?

5. John weighs 150 kilograms. He is 5 times heavier than Mike. What's Mike's weight?



6. A banana has a mass of 200 grams. How many kilograms do 10 bananas weigh?

Answers

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

1. An apple has a mass of 250 grams. What is the mass of 5 apples?

$$5 \times 250 = 1,250 \text{ g or } 1 \text{ kg } 250 \text{ g}$$



2. The mass of a book is 1,615 grams. A watermelon is 385 grams heavier. What is the mass of the watermelon?

$$1,615 + 385 = 2,000 \text{ g or } 2 \text{ kg}$$

3. 2 identical zebras have a total mass of 1,200 kg. What is the mass of 1 zebra?

$$1,200 \div 2 = 600 \text{ kg}$$



4. The price of 100 grams of gold is 4,260 dollars. What is the price of 300 grams of gold?

$$3 \times 4,260 = 12,780 \text{ dollars}$$

5. John weighs 150 kilograms. He is 5 times heavier than Mike. What's Mike's weight?

$$150 \div 5 = 30 \text{ kg}$$



6. A banana has a mass of 200 grams. How many kilograms do 10 bananas weigh?

$$10 \times 200 = 2,000 \text{ grams} = 2 \text{ kilograms}$$