Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 6 of 10

Solve each problem. Show your work. Write money with a dollar sign and two decimal places, and include units.

1. One bag of trail mix weighs 0.29 kilograms. How many kilograms do 9 bags weigh?

Answer: _____

2. A jug holds 3.75 liters of juice. Each glass holds 0.25 liters. How many glasses can be filled?

Answer: _____

3. Max ran 5.8 kilometers last week and 2.9 kilometers this week. How many more kilometers did Max run last week?

Answer: _____

4. Eli pays $25.84 for 8 copies of the same book. How much does one book cost?

Answer: _____

5. Movie tickets cost $8.36 each. Nora buys 2 tickets and pays with $20.00. How much change should Nora get?

Answer: _____

6. Zoe buys a sketchbook for $9.62 and a set of markers for $3.17. How much does Zoe spend in all?

Answer: _____

7. A ribbon is 3.6 meters long. Theo cuts off 1.33 meters. How many meters of ribbon are left?

Answer: _____

8. A board is 4.08 meters long. It is cut into 3 equal pieces. How many meters long is each piece?

Answer: _____

Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 6 of 10

Solve each problem. Show your work. Write money with a dollar sign and two decimal places, and include units.

1. One bag of trail mix weighs 0.29 kilograms. How many kilograms do 9 bags weigh?

Answer: **2.61 kilograms**

2. A jug holds 3.75 liters of juice. Each glass holds 0.25 liters. How many glasses can be filled?

Answer: **15 glasses**

3. Max ran 5.8 kilometers last week and 2.9 kilometers this week. How many more kilometers did Max run last week?

Answer: **2.9 kilometers**

4. Eli pays $25.84 for 8 copies of the same book. How much does one book cost?

Answer: **$3.23**

5. Movie tickets cost $8.36 each. Nora buys 2 tickets and pays with $20.00. How much change should Nora get?

Answer: **$3.28**

6. Zoe buys a sketchbook for $9.62 and a set of markers for $3.17. How much does Zoe spend in all?

Answer: **$12.79**

7. A ribbon is 3.6 meters long. Theo cuts off 1.33 meters. How many meters of ribbon are left?

Answer: **2.27 meters**

8. A board is 4.08 meters long. It is cut into 3 equal pieces. How many meters long is each piece?

Answer: **1.36 meters**