Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 8 of 10

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

1. Nora pays $43.68 for 4 copies of the same book. How much does one book cost?

Answer: _____

2. Leo buys a sketchbook for $17.19 and a set of markers for $5.15. How much does Leo spend in all?

Answer: _____

3. Omar ran 9.1 kilometers last week and 1.1 kilometers this week. How many more kilometers did Omar run last week?

Answer: _____

4. A jug holds 2.7 liters of juice. Each glass holds 0.3 liters. How many glasses can be filled?

Answer: _____

5. One bag of trail mix weighs 0.59 kilograms. How many kilograms do 9 bags weigh?

Answer: _____

6. A ribbon is 4.89 meters long. Ivy cuts off 4.11 meters. How many meters of ribbon are left?

Answer: _____

7. Movie tickets cost $5.37 each. Rosa buys 2 tickets and pays with $20.00. How much change should Rosa get?

Answer: _____

8. A board is 11.28 meters long. It is cut into 6 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 8 of 10

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

1. Nora pays $43.68 for 4 copies of the same book. How much does one book cost?

Answer: **$10.92**

2. Leo buys a sketchbook for $17.19 and a set of markers for $5.15. How much does Leo spend in all?

Answer: **$22.34**

3. Omar ran 9.1 kilometers last week and 1.1 kilometers this week. How many more kilometers did Omar run last week?

Answer: **8 kilometers**

4. A jug holds 2.7 liters of juice. Each glass holds 0.3 liters. How many glasses can be filled?

Answer: **9 glasses**

5. One bag of trail mix weighs 0.59 kilograms. How many kilograms do 9 bags weigh?

Answer: **5.31 kilograms**

6. A ribbon is 4.89 meters long. Ivy cuts off 4.11 meters. How many meters of ribbon are left?

Answer: **0.78 meters**

7. Movie tickets cost $5.37 each. Rosa buys 2 tickets and pays with $20.00. How much change should Rosa get?

Answer: **$9.26**

8. A board is 11.28 meters long. It is cut into 6 equal pieces. How many meters long is each piece?

Answer: **1.88 meters**