Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 2 of 10

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

1. Leo buys a sketchbook for $8.39 and a set of markers for $2.28. How much does Leo spend in all?

Answer: _____

2. A board is 2.88 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: _____

3. One bag of trail mix weighs 0.63 kilograms. How many kilograms do 3 bags weigh?

Answer: _____

4. Ben ran 9 kilometers last week and 4.1 kilometers this week. How many more kilometers did Ben run last week?

Answer: _____

5. A jug holds 4 liters of juice. Each glass holds 0.25 liters. How many glasses can be filled?

Answer: _____

6. Eli pays $89.81 for 7 copies of the same book. How much does one book cost?

Answer: _____

7. Movie tickets cost $5.96 each. Nora buys 3 tickets and pays with $20.00. How much change should Nora get?

Answer: _____

8. A ribbon is 4.68 meters long. Sam cuts off 2.63 meters. How many meters of ribbon are left?

Answer: _____

Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 2 of 10

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

1. Leo buys a sketchbook for $8.39 and a set of markers for $2.28. How much does Leo spend in all?

Answer: **$10.67**

2. A board is 2.88 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: **0.72 meters**

3. One bag of trail mix weighs 0.63 kilograms. How many kilograms do 3 bags weigh?

Answer: **1.89 kilograms**

4. Ben ran 9 kilometers last week and 4.1 kilometers this week. How many more kilometers did Ben run last week?

Answer: **4.9 kilometers**

5. A jug holds 4 liters of juice. Each glass holds 0.25 liters. How many glasses can be filled?

Answer: **16 glasses**

6. Eli pays $89.81 for 7 copies of the same book. How much does one book cost?

Answer: **$12.83**

7. Movie tickets cost $5.96 each. Nora buys 3 tickets and pays with $20.00. How much change should Nora get?

Answer: **$2.12**

8. A ribbon is 4.68 meters long. Sam cuts off 2.63 meters. How many meters of ribbon are left?

Answer: **2.05 meters**