Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 3 of 10

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

1. Zoe buys a sketchbook for $10.19 and a set of markers for $3.58. How much does Zoe spend in all?

Answer: _____

2. Movie tickets cost $5.24 each. Sam buys 4 tickets and pays with $30.00. How much change should Sam get?

Answer: _____

3. Eli pays $44.90 for 5 copies of the same book. How much does one book cost?

Answer: _____

4. A board is 10.44 meters long. It is cut into 6 equal pieces. How many meters long is each piece?

Answer: _____

5. A jug holds 7 liters of juice. Each glass holds 0.5 liters. How many glasses can be filled?

Answer: _____

6. Leo ran 5.7 kilometers last week and 1.5 kilometers this week. How many more kilometers did Leo run last week?

Answer: _____

7. One bag of trail mix weighs 0.64 kilograms. How many kilograms do 9 bags weigh?

Answer: _____

8. A ribbon is 8.57 meters long. Ava cuts off 2.94 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 3 of 10

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

1. Zoe buys a sketchbook for $10.19 and a set of markers for $3.58. How much does Zoe spend in all?

Answer: **$13.77**

2. Movie tickets cost $5.24 each. Sam buys 4 tickets and pays with $30.00. How much change should Sam get?

Answer: **$9.04**

3. Eli pays $44.90 for 5 copies of the same book. How much does one book cost?

Answer: **$8.98**

4. A board is 10.44 meters long. It is cut into 6 equal pieces. How many meters long is each piece?

Answer: **1.74 meters**

5. A jug holds 7 liters of juice. Each glass holds 0.5 liters. How many glasses can be filled?

Answer: **14 glasses**

6. Leo ran 5.7 kilometers last week and 1.5 kilometers this week. How many more kilometers did Leo run last week?

Answer: **4.2 kilometers**

7. One bag of trail mix weighs 0.64 kilograms. How many kilograms do 9 bags weigh?

Answer: **5.76 kilograms**

8. A ribbon is 8.57 meters long. Ava cuts off 2.94 meters. How many meters of ribbon are left?

Answer: **5.63 meters**