Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 9 of 10

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

1. Movie tickets cost $5.01 each. Mia buys 2 tickets and pays with $20.00. How much change should Mia get?

Answer: _____

2. One bag of trail mix weighs 0.21 kilograms. How many kilograms do 5 bags weigh?

Answer: _____

3. Ava buys a sketchbook for $10.29 and a set of markers for $6.97. How much does Ava spend in all?

Answer: _____

4. A ribbon is 9.2 meters long. Omar cuts off 6.61 meters. How many meters of ribbon are left?

Answer: _____

5. Eli pays $53.35 for 5 copies of the same book. How much does one book cost?

Answer: _____

6. Rosa ran 5.9 kilometers last week and 4.9 kilometers this week. How many more kilometers did Rosa run last week?

Answer: _____

7. A board is 6.04 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: _____

8. A jug holds 1.8 liters of juice. Each glass holds 0.2 liters. How many glasses can be filled?

Answer: _____

Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 9 of 10

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

1. Movie tickets cost $5.01 each. Mia buys 2 tickets and pays with $20.00. How much change should Mia get?

Answer: **$9.98**

2. One bag of trail mix weighs 0.21 kilograms. How many kilograms do 5 bags weigh?

Answer: **1.05 kilograms**

3. Ava buys a sketchbook for $10.29 and a set of markers for $6.97. How much does Ava spend in all?

Answer: **$17.26**

4. A ribbon is 9.2 meters long. Omar cuts off 6.61 meters. How many meters of ribbon are left?

Answer: **2.59 meters**

5. Eli pays $53.35 for 5 copies of the same book. How much does one book cost?

Answer: **$10.67**

6. Rosa ran 5.9 kilometers last week and 4.9 kilometers this week. How many more kilometers did Rosa run last week?

Answer: **1 kilometers**

7. A board is 6.04 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: **1.51 meters**

8. A jug holds 1.8 liters of juice. Each glass holds 0.2 liters. How many glasses can be filled?

Answer: **9 glasses**