Name: _____ Date: _____

Decimal Word Problems

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

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

1. A ribbon is 9.26 meters long. Nora cuts off 1.7 meters. How many meters of ribbon are left?

Answer: _____

2. A board is 9.3 meters long. It is cut into 6 equal pieces. How many meters long is each piece?

Answer: _____

3. One bag of trail mix weighs 0.87 kilograms. How many kilograms do 7 bags weigh?

Answer: _____

4. Omar buys a sketchbook for $19.06 and a set of markers for $4.58. How much does Omar spend in all?

Answer: _____

5. Zoe ran 6.6 kilometers last week and 5 kilometers this week. How many more kilometers did Zoe run last week?

Answer: _____

6. Movie tickets cost $6.87 each. Theo buys 2 tickets and pays with $20.00. How much change should Theo get?

Answer: _____

7. A jug holds 0.8 liters of juice. Each glass holds 0.2 liters. How many glasses can be filled?

Answer: _____

8. Jack pays $51.50 for 5 copies of the same book. How much does one book cost?

Answer: _____

Decimal Word Problems - ANSWER KEY

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

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

1. A ribbon is 9.26 meters long. Nora cuts off 1.7 meters. How many meters of ribbon are left?

Answer: **7.56 meters**

2. A board is 9.3 meters long. It is cut into 6 equal pieces. How many meters long is each piece?

Answer: **1.55 meters**

3. One bag of trail mix weighs 0.87 kilograms. How many kilograms do 7 bags weigh?

Answer: **6.09 kilograms**

4. Omar buys a sketchbook for $19.06 and a set of markers for $4.58. How much does Omar spend in all?

Answer: **$23.64**

5. Zoe ran 6.6 kilometers last week and 5 kilometers this week. How many more kilometers did Zoe run last week?

Answer: **1.6 kilometers**

6. Movie tickets cost $6.87 each. Theo buys 2 tickets and pays with $20.00. How much change should Theo get?

Answer: **$6.26**

7. A jug holds 0.8 liters of juice. Each glass holds 0.2 liters. How many glasses can be filled?

Answer: **4 glasses**

8. Jack pays $51.50 for 5 copies of the same book. How much does one book cost?

Answer: **$10.30**