Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 7 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 $4.53 each. Theo buys 3 tickets and pays with $20.00. How much change should Theo get?

Answer: _____

2. A ribbon is 6.78 meters long. Ben cuts off 2.97 meters. How many meters of ribbon are left?

Answer: _____

3. A board is 5.7 meters long. It is cut into 3 equal pieces. How many meters long is each piece?

Answer: _____

4. A jug holds 3.2 liters of juice. Each glass holds 0.4 liters. How many glasses can be filled?

Answer: _____

5. Omar buys a sketchbook for $8.90 and a set of markers for $7.13. How much does Omar spend in all?

Answer: _____

6. One bag of trail mix weighs 0.45 kilograms. How many kilograms do 3 bags weigh?

Answer: _____

7. Lily ran 3.7 kilometers last week and 1.5 kilometers this week. How many more kilometers did Lily run last week?

Answer: _____

8. Nora pays $53.83 for 7 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 7 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 $4.53 each. Theo buys 3 tickets and pays with $20.00. How much change should Theo get?

Answer: **$6.41**

2. A ribbon is 6.78 meters long. Ben cuts off 2.97 meters. How many meters of ribbon are left?

Answer: **3.81 meters**

3. A board is 5.7 meters long. It is cut into 3 equal pieces. How many meters long is each piece?

Answer: **1.9 meters**

4. A jug holds 3.2 liters of juice. Each glass holds 0.4 liters. How many glasses can be filled?

Answer: **8 glasses**

5. Omar buys a sketchbook for $8.90 and a set of markers for $7.13. How much does Omar spend in all?

Answer: **$16.03**

6. One bag of trail mix weighs 0.45 kilograms. How many kilograms do 3 bags weigh?

Answer: **1.35 kilograms**

7. Lily ran 3.7 kilometers last week and 1.5 kilometers this week. How many more kilometers did Lily run last week?

Answer: **2.2 kilometers**

8. Nora pays $53.83 for 7 copies of the same book. How much does one book cost?

Answer: **$7.69**