Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 4 of 10

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

1. One bag of trail mix weighs 0.67 kilograms. How many kilograms do 7 bags weigh?

Answer: _____

2. A jug holds 4.8 liters of juice. Each glass holds 0.3 liters. How many glasses can be filled?

Answer: _____

3. Movie tickets cost $3.78 each. Zoe buys 3 tickets and pays with $20.00. How much change should Zoe get?

Answer: _____

4. Omar ran 5.8 kilometers last week and 2.6 kilometers this week. How many more kilometers did Omar run last week?

Answer: _____

5. A ribbon is 5.67 meters long. Maya cuts off 3.73 meters. How many meters of ribbon are left?

Answer: _____

6. Ivy pays $77.58 for 6 copies of the same book. How much does one book cost?

Answer: _____

7. Ava buys a sketchbook for $5.26 and a set of markers for $6.81. How much does Ava spend in all?

Answer: _____

8. A board is 6.84 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: _____

Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 4 of 10

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

1. One bag of trail mix weighs 0.67 kilograms. How many kilograms do 7 bags weigh?

Answer: **4.69 kilograms**

2. A jug holds 4.8 liters of juice. Each glass holds 0.3 liters. How many glasses can be filled?

Answer: **16 glasses**

3. Movie tickets cost $3.78 each. Zoe buys 3 tickets and pays with $20.00. How much change should Zoe get?

Answer: **$8.66**

4. Omar ran 5.8 kilometers last week and 2.6 kilometers this week. How many more kilometers did Omar run last week?

Answer: **3.2 kilometers**

5. A ribbon is 5.67 meters long. Maya cuts off 3.73 meters. How many meters of ribbon are left?

Answer: **1.94 meters**

6. Ivy pays $77.58 for 6 copies of the same book. How much does one book cost?

Answer: **$12.93**

7. Ava buys a sketchbook for $5.26 and a set of markers for $6.81. How much does Ava spend in all?

Answer: **$12.07**

8. A board is 6.84 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: **1.71 meters**