Name: _____ Date: _____

Decimal Word Problems

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 1 of 10

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

1. Ivy pays $40.00 for 5 copies of the same book. How much does one book cost?

Answer: _____

2. A ribbon is 8.57 meters long. Lily cuts off 6.79 meters. How many meters of ribbon are left?

Answer: _____

3. Max ran 8.7 kilometers last week and 2.7 kilometers this week. How many more kilometers did Max run last week?

Answer: _____

4. A jug holds 6 liters of juice. Each glass holds 0.4 liters. How many glasses can be filled?

Answer: _____

5. A board is 6.45 meters long. It is cut into 5 equal pieces. How many meters long is each piece?

Answer: _____

6. Movie tickets cost $3.08 each. Ben buys 4 tickets and pays with $20.00. How much change should Ben get?

Answer: _____

7. One bag of trail mix weighs 0.55 kilograms. How many kilograms do 8 bags weigh?

Answer: _____

8. Zoe buys a sketchbook for $11.67 and a set of markers for $6.19. How much does Zoe spend in all?

Answer: _____

Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 1 of 10

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

1. Ivy pays $40.00 for 5 copies of the same book. How much does one book cost?

Answer: **$8.00**

2. A ribbon is 8.57 meters long. Lily cuts off 6.79 meters. How many meters of ribbon are left?

Answer: **1.78 meters**

3. Max ran 8.7 kilometers last week and 2.7 kilometers this week. How many more kilometers did Max run last week?

Answer: **6 kilometers**

4. A jug holds 6 liters of juice. Each glass holds 0.4 liters. How many glasses can be filled?

Answer: **15 glasses**

5. A board is 6.45 meters long. It is cut into 5 equal pieces. How many meters long is each piece?

Answer: **1.29 meters**

6. Movie tickets cost $3.08 each. Ben buys 4 tickets and pays with $20.00. How much change should Ben get?

Answer: **$7.68**

7. One bag of trail mix weighs 0.55 kilograms. How many kilograms do 8 bags weigh?

Answer: **4.4 kilograms**

8. Zoe buys a sketchbook for $11.67 and a set of markers for $6.19. How much does Zoe spend in all?

Answer: **$17.86**