Decimal Word Problems - ANSWER KEY

Grade 5 | Solving word problems that add, subtract, multiply and divide decimals | Version 5 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 7.95 meters long. Lily cuts off 3.98 meters. How many meters of ribbon are left?

Answer: **3.97 meters**

2. A jug holds 3.6 liters of juice. Each glass holds 0.4 liters. How many glasses can be filled?

Answer: **9 glasses**

3. Movie tickets cost $9.43 each. Nora buys 4 tickets and pays with $40.00. How much change should Nora get?

Answer: **$2.28**

4. One bag of trail mix weighs 0.79 kilograms. How many kilograms do 5 bags weigh?

Answer: **3.95 kilograms**

5. Sam pays $29.79 for 3 copies of the same book. How much does one book cost?

Answer: **$9.93**

6. Zoe buys a sketchbook for $14.36 and a set of markers for $6.57. How much does Zoe spend in all?

Answer: **$20.93**

7. A board is 5.64 meters long. It is cut into 4 equal pieces. How many meters long is each piece?

Answer: **1.41 meters**

8. Leo ran 6.1 kilometers last week and 4.7 kilometers this week. How many more kilometers did Leo run last week?

Answer: **1.4 kilometers**