Measurement Word Problems

Grades 3–4

Directions

Read each problem carefully. Use addition, subtraction, multiplication, or division to solve. Show your work and write the final answer.

1. A ribbon is 18 inches long. If 7 inches are cut off, how many inches remain?

2. A pencil is 14 centimeters long. Another pencil is 9 centimeters long. How much longer is the first pencil?

3. A water bottle holds 500 milliliters. If 275 milliliters are used, how much water remains?

4. A package weighs 6 pounds. Another package weighs 4 pounds. What is the total weight of both packages?

5. A rope is 12 meters long. It is cut into two equal pieces. How long is each piece?

6. A measuring cup holds 1 liter of water. If 350 milliliters are poured out, how much water remains?

7. A backpack weighs 8 pounds. After removing books weighing 3 pounds, what is the new weight of the backpack?

8. A box contains 24 inches of string. The string is divided equally into 3 pieces. How long is each piece?

9. A jug holds 2 liters of juice. If 750 milliliters are poured out, how much juice remains?

10. A board is 10 feet long. It is cut into pieces that are each 2 feet long. How many pieces are made?

Answer Key

1. 18 – 7 = 11 inches

2. 14 – 9 = 5 centimeters

3. 500 – 275 = 225 milliliters

4. 6 + 4 = 10 pounds

5. 12 ÷ 2 = 6 meters

6. 1 liter = 1000 milliliters; 1000 – 350 = 650 milliliters

7. 8 – 3 = 5 pounds

8. 24 ÷ 3 = 8 inches

9. 2 liters = 2000 milliliters; 2000 – 750 = 1250 milliliters

10. 10 ÷ 2 = 5 pieces

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