ALBERT

Name _____ Date _____

Measurement Word Problems Worksheet

Grade 4 · Common Core 4.MD.A.2

> Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.

Practice

Builds the skill step by step.

1. Mia ran 2 kilometers on Monday and 3 kilometers on Tuesday. How many meters did she run in all?

2. A movie starts at 3:15 p.m. and lasts 1 hour 40 minutes. What time does it end?

3. A jug holds 4 liters of water. How many 500-milliliter cups can it fill?

4. A bag of apples weighs 3 kilograms. How much do 4 bags weigh?

5. Ben has 5 dollars. He spends 2 dollars and 35 cents. How much money does he have left?

6. One ribbon is $\frac{3}{4}$ of a meter long. Another is $\frac{2}{4}$ of a meter long. What is their total length?

7. One lap of the track is 400 meters. Jada runs 6 laps. How many meters does she run?

8. Which is longer: 90 minutes or 1 hour 20 minutes?

   A. 1 hour 20 minutes

   B. 90 minutes

   C. They are the same.

   D. You can't tell.

9. A box of crackers weighs 2 pounds. How many ounces do 3 boxes weigh?

10. Lunch lasts 45 minutes and recess lasts 25 minutes. How many minutes is that in all?

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On Level

Grade-level practice.

1. Jo walked 0.6 kilometer on Monday and 0.3 kilometer on Tuesday. How far did she walk in all?

2. A bottle holds 2 liters of juice. Max pours 3 glasses of 350 milliliters each. How many milliliters are left?

3. Soccer practice starts at 4:30 p.m. and ends at 6:05 p.m. How many minutes long is practice?

4. Three friends share 12 dollars and 75 cents equally. How much does each friend get?

5. A dog weighs 18 kilograms. A cat weighs 4 kilograms 500 grams. How many grams heavier is the dog?

6. A rope is 5 meters long. It is cut into pieces that are 50 centimeters long. How many pieces are there?

7. Kai saves 75 cents each day for 8 days. How many dollars does he save?

8. A recipe needs $\frac{3}{4}$ cup of milk for each batch. How much milk is needed for 2 batches?

9. A train leaves at 9:45 a.m. and arrives at 12:10 p.m. How many minutes is the trip?

10. A tank had 30 liters of water. The garden used 4 liters each day for 6 days. How many liters are left?

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Challenge

Multi-step and word problems that stretch it.

1. Lia buys 3 notebooks that cost 2 dollars and 40 cents each. She pays with 10 dollars. How much change does she get?

2. A bag holds 3 kilograms of flour. Raj uses 750 grams of flour for each loaf of bread. He bakes 3 loaves. How many grams of flour are left?

3. Ella runs one 400-meter lap every 2 minutes. At that pace, how many kilometers does she run in 10 minutes?

4. Mr. Lee walks $\frac{3}{4}$ of a mile to work and $\frac{3}{4}$ of a mile home each day. How many miles does he walk in 5 days?

5. A movie is 2 hours 35 minutes long. It starts at 6:50 p.m. What time does it end?

6. A pitcher holds 2 liters of juice. Six kids each get 250 milliliters. How many milliliters are left?

7. A board is 2 meters long. It is cut into 4 equal pieces. How many centimeters long is each piece?

8. A puppy weighed 2 pounds 12 ounces at birth. It gained 1 pound 8 ounces. How many ounces does it weigh now?

9. Store A sells 3 pounds of apples for 6 dollars. Store B sells 16 ounces of apples for 1 dollar and 75 cents. Which store charges less per pound?

   A. Store A

   B. Store B

   C. They charge the same.

   D. You can't tell.

10. The school day runs from 8:15 a.m. to 2:45 p.m. Lunch takes 40 minutes. How many minutes of the day are not lunch?