One-Step Equations
Word Problems

Write and solve an equation for each situation.

1. Liza’s dog just had puppies. There are 5 puppies and they weigh a total of 17.5 pounds. About how many pounds, \( p \), does each puppy weigh?

   Equation: ___________________________  Answer: ___________________________

3. A local park is renting canoes. Canoe rental costs $4.75 per hour. If you want to spend $9.50, how many hours, \( h \), can you rent the canoe?

   Equation: ___________________________  Answer: ___________________________

4. Bella and Zoe went blueberry picking. Their blueberries weighed a total of 23.4 ounces. If Bella’s blueberries weighed 11.9 ounces, how many ounces, \( z \), did Zoe pick?

   Equation: ___________________________  Answer: ___________________________
5. Aaron earned $57.35 selling some of his old video games. He bought another video game for $46.29. How much money, $x$, does Aaron have left?

Equation: ___________________________  Answer: ___________________________

6. Mrs. Baynes is shopping for rulers for her classroom. She wants to spend $19.75 on rulers and they cost $0.79 each. How many rulers, $r$, can she buy?

Equation: ___________________________  Answer: ___________________________

7. Molly received her weekly paycheck and she earned a total of $339.25. If she makes $14.75 per hour, how many hours, $h$, did she work?

Equation: ___________________________  Answer: ___________________________

8. Joseph is pouring concrete for his new patio. The area of the patio is 25.2 square feet and the length is 7.2 feet. What is the width, $w$, of his patio?

Equation: ___________________________  Answer: ___________________________
1. Liza’s dog just had puppies. There are 5 puppies and they weigh a total of 17.5 pounds. About how many pounds, \( p \), does each puppy weigh?

Equation: \( 5p = 17.5 \)  
Answer: \( 3.5 \) pounds

2. Justin and Marcus went for a bike ride. Together they rode a total of 28.6 miles. If Justin rode 14.4 miles, how many miles, \( m \), did Marcus ride?

Equation: \( 14.4 + m = 28.6 \)  
Answer: \( 14.2 \) miles

3. A local park is renting canoes. Canoe rental costs $4.75 per hour. If you want to spend $9.50, how many hours, \( h \), can you rent the canoe?

Equation: \( 4.75h = 9.50 \)  
Answer: \( 2 \) hours

4. Aaron earned $57.35 selling some of his old video games. He bought another video game for $46.29. How much money, \( x \), does Aaron have left?

Equation: \( 57.35 - 46.29 = x \)  
Answer: \( 11.06 \) dollars

5. Bella and Zoe went blueberry picking. Their blueberries weighed a total of 23.4 ounces. If Bella’s blueberries weighed 11.9 ounces, how many ounces, \( z \), did Zoe pick?

Equation: \( 11.9 + z = 23.4 \)  
Answer: \( 11.5 \) ounces

6. Mrs. Baynes is shopping for rulers for her classroom. She wants to spend $19.75 on rulers and they cost $0.79 each. How many rulers, \( r \), can she buy?

Equation: \( 0.79r = 19.75 \)  
Answer: \( 25 \) rulers

7. Molly received her weekly paycheck and she earned a total of $339.25. If she makes $14.75 per hour, how many hours, \( h \), did she work?

Equation: \( 14.75h = 339.25 \)  
Answer: \( 23 \) hours

8. Joseph is pouring concrete for his new patio. The area of the patio is 25.2 square feet and the length is 7.2 feet. What is the width, \( w \), of his patio?

Equation: \( 7.2w = 25.2 \)  
Answer: \( 3.5 \) feet