Writing One-Step Equations

Write an equation to match each situation.

1. Abbie is going out for pizza with her friends. For $60 total, they can buy \( p \) pizzas. Each pizza costs $12.

   Equation: _________________

2. Mr. Harris is buying notebooks for his students. He buys 24 notebooks for \( d \) dollars each and spends a total of $48.

4. Max earned $18 mowing lawns this week. If he spends $4 on ice cream, he will have \( d \) dollars left.

   Equation: _________________

5. Ben found 26 seashells on the beach. He gave his sister \( s \) seashells and now he has 14 left.

   Equation: _________________
6. Mrs. Johnson is collecting flowers from her garden. She has 8 flowers in a vase and she picks \( f \) more for a total of 20 flowers.

Equation: ___________________________

7. Mrs. Fritz is buying books for her classroom library. She buys \( b \) books for $7 each for a total of $63.

Equation: ___________________________

9. Brianna is driving to visit her grandmother. She needs to travel 23 miles total. She has already driven 6 miles and needs to go \( m \) more.

Equation: ___________________________

10. Erik is taking his friends to an amusement park for his birthday. He spends a total of $84 for \( t \) tickets. Each ticket costs $14.

Equation: ___________________________
Writing One-Step Equations

1. Abbie is going out for pizza with her friends. For $60 total, they can buy $p$ pizzas. Each pizza costs $12.

   Equation: $12p = 60$

2. Mr. Harris is buying notebooks for his students. He buys 24 notebooks for $d$ dollars each and spends a total of $48.

   Equation: $24d = 48$

3. Jada scored 15 points in one basketball game and $p$ points in another. Her two-game total is 34 points.

   Equation: $15 + p = 34$

4. Max earned $18 mowing lawns this week. If he spends $4 on ice cream, he will have $d$ dollars left.

   Equation: $18 - 4 = d$

5. Ben found 26 seashells on the beach. He gave his sister $s$ seashells and now he has 14 left.

   Equation: $26 - s = 14$

6. Jackson had 32 video games. He gave his friend 8 video games and now has $g$ games left.

   Equation: $32 - 8 = g$

7. Mrs. Fritz is buying books for her classroom library. She buys $b$ books for $7$ each for a total of $63.

   Equation: $7b = 63$

8. Mrs. Johnson is collecting flowers from her garden. She has 8 flowers in a vase and she picks $f$ more for a total of 20 flowers.

   Equation: $8 + f = 20$

9. Brianna is driving to visit her grandmother. She needs to travel 23 miles total. She has already driven 6 miles and needs to go $m$ more.

   Equation: $6 + m = 23$

10. Erik is taking his friends to an amusement park for his birthday. He spends a total of $84$ for $t$ tickets. Each ticket costs $14.

    Equation: $14t = 84$

Note: Equations may vary

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