Name _____

Lesson Quiz
4-1

1. Which value of the variable is the solution of the equation $a + \$5.92 = \$12.29$? $a = \$5.37, \$5.47, \$6.37, \$6.27$

2. What is the solution of $42 \div j = 6$?

3. Substitute 9 into each equation to determine whether 9 is the solution. Select Yes or No.

$j + 8 = 72$	○ Yes	○ No
$m \times 3 = 27$	○ Yes	○ No
$b + 4 = 13$	○ Yes	○ No
$p - 5 = 4$	○ Yes	○ No
$q \div 3 = 27$	○ Yes	○ No

4. Annabeth has \$29.00 to spend at the sporting goods store. She buys a T-shirt that costs \$15.32. She also wants to buy a soccer ball for \$12.87, a baseball cap for \$8.39, a set of shin guards for \$14.98, or a water bottle for \$5.93. Use the equation $\$15.32 + c = \$29.00$, where c is the item's cost, to find the most expensive item Annabeth can buy.

5. Circle True or False for each equation when $x = 6$.

$6x = 12$	**True**	**False**
$5 + x = 11$	**True**	**False**
$x \div 2 = 3$	**True**	**False**
$17 - x = 11$	**True**	**False**

