

Name: _____ Class: _____ Date: _____

ID: A

Chapter 2 Review

Short Answer

Solve the equation.

- $-49 = x - 50$
- $v - \frac{4}{5} = \frac{3}{8}$
- $14 = t + 7$
- $d + 0.7 = 0.9$
- $\frac{y}{4} = -10$
- $\frac{3}{8}x = 27$
- $9d = -54$
- $\frac{3}{7}x + 5 = 8$
- $11 = -d + 15$
- $37 - 18 + 8w = 67$
- $3(y + 6) = 30$
- $\frac{5p}{7} - 18 = -43$
- $4.9x + 4.4 = 19.1$
- $5x - 5 = 3x - 9$
- $8d - 4d - 6d - 8 = 2d$
- Two angles are complementary if the sum of their measures is 90° . $\angle P$ and $\angle Q$ are complementary. The measure of $\angle P$ is 61° . Write and solve an equation to find the measure of $\angle Q$.
- A customer went to a garden shop and bought some potting soil for \$17.50 and 4 shrubs. The total bill was \$53.50. Write and solve an equation to find the price of each shrub.
- Steven wants to buy a \$565 bicycle. Steven has no money saved, but will be able to deposit \$30 into a savings account when he receives his paycheck each Friday. However, before Steven can buy the bike, he must give his sister \$65 that he owes her. For how many weeks will Steven need to deposit money into his savings account before he can pay back his sister and buy the bike?