

## Writing Expressions for Word Problems Worksheets

1. Sally is paid a fixed amount of money to walk her neighbor's dog every day after school. When she is paid each month, she puts aside \$20 to spend and saves the remaining amount. Write an expression that represents the amount Sally will save in 6 months if she earns  $m$  dollars each month. If Sally is paid \$65 each month, how much will she save in 6 months?

2. A football team scored 3 touchdowns, 3 extra points, and 4 field goals.

a) Write an expression to represent the total points the football team scored.

b) If each touchdown is worth 6 points, each extra point is 1 point, and each field goal is 3 points, how many total points did the team score?

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1. Sally is paid a fixed amount of money to walk her neighbor's dog every day after school. When she is paid each month, she puts aside \$20 to spend and saves the remaining amount. Write an expression that represents the amount Sally will save in 6 months if she earns  $m$  dollars each month. If Sally is paid \$65 each month, how much will she save in 6 months?

$m =$  *monthly pay*

$$6(m - 20)$$

$$6m - 120$$

For  $m = 65$

$$6(m - 20)$$

$$6(65 - 20)$$

$$6(45)$$

$$270$$

or

$$6(m - 20)$$

$$6(65 - 20)$$

$$390 - 120$$

$$270$$

*Sally will save \$270 in 6 months.*

2. A football team scored 3 touchdowns, 3 extra points, and 4 field goals.  
a) Write an expression to represent the total points the football team scored.

$t =$  *number of points for a touchdown.*

$e =$  *number of points for the extra point.*

$f =$  *number of points for a field goal.*

$$3t + 3e + 4f$$

- b) If each touchdown is worth 6 points, each extra point is 1 point, and each field goal is 3 points, how many total points did the team score?

$$3t + 3e + 4f$$

$$3(6) + 3(1) + 4(3)$$

$$18 + 3 + 12$$

$$33$$