

Simplifying Algebraic Expression
Skills Practice-2

Name _____

Simplify the following expressions.

1) $4a + 5 - a + 2$

6) $4r + 5t + (-3r) + 4t$

2) $6(2k - 3)$

7) $2(4m + n) - 2n$

3) $3x + 4 + x + 12 + 3y$

8) $3(-4x + 12) + 9x$

4) $12x + 4x + 25y + 15y$

9) $4x^2 + 6x - 13x + 5$

5) $8a - 2b + 12a - 2a - 4b$

10) $4s + 9 + s + 2p - 3$

Evaluate the following expressions when $x = 2$.

11) $4x + 3x - 2x$

12) $3(x + 5)$

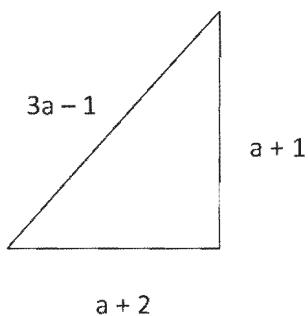
Evaluate the following expressions when $y = -4$.

13) $3x + 5 - x + 2$

14) $2(y - 6)$

Write algebraic expressions to find the perimeter of each shape. Simplify each expression.

15)



16)

