

Name: _____

Period: _____

a) $10\left(\frac{1}{2}\right) + (-6)(-3)$

b) $\frac{1}{2}(6 - 2)^2 - 4(3)$

c) $\frac{-5 + (-6)\left(\frac{2}{3}\right)}{-3}$

d) $\frac{-84}{36 - 12(-5)}$

Simplify the Expressions:

$5x^2 - 2 + 3(4x) + 6 + 4x$

$3x - 8 - 8x + 2(3x) - 20$

$9 - 3x + 4x^2 - 2(5) + 24x - x^2$

$-9 - 4x - 2x - 4 - x - 15$

Calculate Area and Circumference of a Circle with Radius of 20 inches (use 3.14 for π):

Area: _____

Circumference: _____

