

Problem of the Day: Given $f(x) = 2x^2 - 4x + 5$, find:

a. $f(3)$ $2(3)^2 - 4(3) + 5$
 $2 \cdot 9 - 12 + 5$
 $18 - 12 + 5$
 $6 + 5$
 11

b. $f(-2)$ $2(-2)^2 - 4(-2) + 5$
 $2 \cdot 4 + 8 + 5$
 $8 + 8 + 5$
 21

c. $f(0)$ $2(0)^2 - 4(0) + 5$
 $2(0) + 0 + 5$
 $0 + 0 + 5$
 5

Plan for the Day:
 Finish notes (7th period)
 Finish circuit from Friday
 More practice with function notation
 Objective: We will be able to simplify expressions with function notation.
 Today is National Homemade Cookies Day and National Black Dog Day!!