

4-6B Homework - Evaluate functions

Date _____ Period ____ Row _____

Evaluate each function.

1) $f(x) = 2x + 5$; Find $f(-9)$

2) $p(n) = 2n - 4$; Find $p(7)$

3) $g(n) = -3n$; Find $g(-10)$

4) $g(a) = 3a - 3$; Find $g(4)$

5) $f(t) = t + 3$; Find $f(-2)$

6) $k(x) = x + 4$; Find $k(-7)$

7) $p(x) = x - 4$; Find $p(3)$

8) $g(x) = 3x - 3$; Find $g(-5)$

9) $g(x) = 2x - 4$; Find $g(-1)$

10) $w(x) = 4x + 1$; Find $w(4)$

- 11) The theatre club finds that at their concession stand, they can sell 2 snacks per person. Each snack is \$1. If they want to raise \$100, write a function where $C(x)$ represents the total amount of money they will make. How many people do they have to serve?

- 12) Which of these functions represents the situation in problem 11?
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|------------------|-----------------|
| A) $C(2) = 100$ | B) $C(x) = 50$ |
| C) $C(50) = 100$ | D) $C(100) = 2$ |