Evaluating Linear Functions

1) $f(x) = 4(-x - 2)$; Find $f\left(\dfrac{3}{4}\right)$

2) $h(x) = -5x$; Find $h\left(-\dfrac{6}{5}\right)$

3) $h(x) = 7x + 6$; Find $h(-1.2)$

4) $g(x) = \dfrac{x}{2}$; Find $g(0.8)$

5) $p(x) = 3x$; Find $p\left(-\dfrac{2}{9}\right)$

6) $f(x) = -2 - x$; Find $f\left(\dfrac{1}{3}\right)$

7) $g(x) = 2(x + 3)$; Find $g(2.5)$

8) $p(x) = 5x - 1$; Find $p(-1.4)$

Name _____

Score _____

Answer key

EF:II:04

1) $f(x) = 4(-x - 2)$; Find $f\left(\dfrac{3}{4}\right)$

2) $h(x) = -5x$; Find $h\left(-\dfrac{6}{5}\right)$

−11

6

3) $h(x) = 7x + 6$; Find $h(-1.2)$

4) $g(x) = \dfrac{x}{2}$; Find $g(0.8)$

−2.4

0.4

5) $p(x) = 3x$; Find $p\left(-\dfrac{2}{9}\right)$

6) $f(x) = -2 - x$; Find $f\left(\dfrac{1}{3}\right)$

$-\dfrac{2}{3}$

$-\dfrac{7}{3}$

7) $g(x) = 2(x + 3)$; Find $g(2.5)$

8) $p(x) = 5x - 1$; Find $p(-1.4)$

11

−8