

Name:

Week4.Lesson2.EvaluatingFunctions

Date:

(1)

$$\begin{aligned}f(x) &= -6x - 9 \\ f(8) &=?\end{aligned}$$

(2)

$$\begin{aligned}h(x) &= -5x^2 + x + 9 \\ h(9) &=?\end{aligned}$$

(3)

$$\begin{aligned}g(x) &= 7x^3 + 7x^2 + 6x - 6 \\ g(3) &=?\end{aligned}$$

(4)

$$\begin{aligned}f(x) &= -x + 2 \\ f(-7) &=?\end{aligned}$$

(5)

$$\begin{aligned}h(x) &= 7x^2 + 7x - 10 \\ h(7) &=?\end{aligned}$$

(6)

$$\begin{aligned}f(x) &= 7x^3 - 3x^2 - 2x - 1 \\ f(-7) &=?\end{aligned}$$

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(7)

$$\begin{aligned}f(x) &= 2x - 4 \\f(8) &=?\end{aligned}$$

(8)

$$\begin{aligned}g(x) &= -4x^2 + 5x - 8 \\g(5) &=?\end{aligned}$$

(9)

$$\begin{aligned}f(x) &= -10x^3 - 5x^2 + 2x + 2 \\f(8) &=?\end{aligned}$$

(10)

$$\begin{aligned}g(x) &= -9x^3 - x^2 + x + 4 \\g(4) &=?\end{aligned}$$

(11)

$$\begin{aligned}g(x) &= 6x^3 + 10x^2 + 7x - 6 \\g(-5) &=?\end{aligned}$$

(12)

$$\begin{aligned}h(x) &= x + 4 \\h(-2) &=?\end{aligned}$$

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(13)

$$g(x) = 6x^2 - 6x + 1$$
$$g(-10) = ?$$

(14)

$$h(x) = -10x^3 + 3x^2 + 9x + 8$$
$$h(-1) = ?$$

(15)

$$g(x) = 6x^2 - 7x - 7$$
$$g(6) = ?$$

(16)

$$g(x) = 9x^2 - 10x - 3$$
$$g(9) = ?$$

(17)

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

(18)

$$f(x) = 7x^2 - 6x + 9$$
$$f(10) = ?$$

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## Version 1 Answer Key!

(1)  $f(8) = -57$

(2)  $h(9) = -387$

(3)  $g(3) = 264$

(4)  $f(-7) = 9$

(5)  $h(7) = 382$

(6)  $f(-7) = -2535$

(7)  $f(8) = 12$

(8)  $g(5) = -83$

(9)  $f(8) = -5422$

(10)  $g(4) = -584$

(11)  $g(-5) = -541$

(12)  $h(-2) = 2$

(13)  $g(-10) = 661$

(14)  $h(-1) = 12$

(15)  $g(6) = 167$

(16)  $g(9) = 636$

(17)  $g(6) = -214$

(18)  $f(10) = 649$