

Function Notation - Practice Worksheet

Name: _____ Date: _____

Instructions: Evaluate each function for the given input. Show your substitution step and simplify fully. Do not use a calculator unless stated.

1. $f(x) = x + 5$. Find $f(3)$.

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2. $g(x) = 2x$. Find $g(7)$.

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3. $h(x) = 3x - 4$. Find $h(2)$.

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4. $f(x) = x^2$. Find $f(5)$.

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5. $g(x) = 4x + 1$. Find $g(-3)$.

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6. $h(x) = x^2 - 2x$. Find $h(4)$.

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7. $f(x) = 2x^2 + 3$. Find $f(-2)$.

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8. $g(x) = (x + 6) / 2$. Find $g(10)$.

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9. $h(x) = 3x^2 - x + 2$. Find $h(3)$.

.....

10. $f(x) = x^3 - 4x$. Find $f(-2)$.

.....

Answer Key

1. 8

2. 14

3. 2

4. 25

5. -11

6. 8

7. 11

8. 8

9. 26

10. 0