

NAME _____

DATE _____

5-11 PUTTING THE FUN IN FUNCTIONS

A value is placed in one of the functions below. Identify the function that has the given value.

$$f(x) = 3x - 4$$

$$g(x) = x^2$$

$$h(x) = x^2 - 5$$

$$k(x) = (x - 1)^2$$

1. _____ (7) = 36

9. _____ (2) = 4

2. _____ (-1) = 1

10. _____ (1) = -4

3. _____ (0) = -4

11. _____ (6) = 36

4. _____ (5) = 16

12. _____ (-5) = 36

5. _____ (6) = 14

13. _____ (2) + _____ (2) = 1

6. _____ (-2) = 9

14. _____ (-3) - _____ (-3) = 12

7. _____ (4) = 8

15. _____ (-4) - _____ (-4) = 41

8. _____ (-3) = -13

16. _____ (-6) - _____ (-6) = 5