Task card 1 Function Composition

If f(x) = 3x + 2 and g(x) = 2x - 2, find f(g(3)).

Task card 2 Function Composition

If f(x) = 3x + 1 and g(x) = 3x - 5, find g(f(-3)).

Task card 3 Function Composition

If f(x) = 3x + 1 and g(x) = 2x, find f(g(-4)).

Task card 4 Function Composition

If f(x) = 4x + 1 and g(x) = 2x - 1, find g(f(-5)).

Task card 5 Function Composition

If f(x) = 4x - 5 and g(x) = 2x, find f(g(-5)).

Task card 6 Function Composition

If f(x) = x + 2 and g(x) = x + 6, find g(f(1)).

Task card 7 Function Composition

If f(x) = 2x + 6 and g(x) = x + 5, find f(g(4)).

Task card 8 Function Composition

If f(x) = 2x + 3 and g(x) = 4x - 1, find g(f(3)).

Task card 9 Function Composition

If f(x) = x + 2 and g(x) = x - 1, find f(g(3)).

Task card 10 Function Composition

If f(x) = 4x - 6 and g(x) = 3x + 5, find g(f(2)).

Task card 11 Function Composition

If f(x) = x - 5 and g(x) = x + 3, find f(g(5)).

Task card 12 Function Composition

If f(x) = 4x - 4 and g(x) = x + 7, find g(f(-4)).

Task card 13 Function Composition

If f(x) = 3x + 4 and g(x) = 2x + 2, find f(g(3)).

Task card 14 Function Composition

If f(x) = x - 1 and g(x) = x - 4, find g(f(2)).

Task card 15 Function Composition

If f(x) = 2x - 7 and g(x) = 4x + 7, find f(g(-3)).

Task card 16 Function Composition

If f(x) = x + 6 and g(x) = x - 7, find g(f(-5)).

Task card 17 Function Composition

If f(x) = 2x - 2 and g(x) = 2x + 2, find f(g(-3)).

Task card 18 Function Composition

If f(x) = 3x - 2 and g(x) = 4x, find g(f(5)).

Task card 19 Function Composition

If f(x) = 2x - 8 and g(x) = 2x + 7, find f(g(4)).

Task card 20 Function Composition

If f(x) = x - 5 and g(x) = 3x + 6, find g(f(-5)).

Task card 21 Function Composition

If f(x) = x + 3 and g(x) = 2x + 7, find f(g(-3)).

Task card 22 Function Composition

If f(x) = 3x + 8 and g(x) = 3x + 9, find g(f(-1)).

Task card 23 Function Composition

If f(x) = 5x + 7 and g(x) = x + 7, find f(g(-3)).

Task card 24 Function Composition

If f(x) = 3x + 4 and g(x) = 4x, find g(f(-1)).

Function Composition Task Cards

Recording sheet · Grade 11 · Evaluate each composed function.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Function Composition Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. 14	**2.** -29	**3.** -23
4. -39	**5.** -45	**6.** 9
7. 24	**8.** 35	**9.** 4
10. 11	**11.** 3	**12.** -13
13. 28	**14.** -3	**15.** -17
16. -6	**17.** -10	**18.** 52
19. 22	**20.** -24	**21.** 4
22. 24	**23.** 27	**24.** 4