Task card 1 Direct & Inverse Variation

If y varies directly with x, and y = 9 when x = 3, find y when x = 4.

Task card 2 Direct & Inverse Variation

If y varies inversely with x, and y = 8 when x = 4, find y when x = 2.

Task card 3 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 2, find y when x = 1.

Task card 4 Direct & Inverse Variation

If y varies inversely with x, and y = 8 when x = 3, find y when x = 2.

Task card 5 Direct & Inverse Variation

If y varies directly with x, and y = 3 when x = 1, find y when x = 4.

Task card 6 Direct & Inverse Variation

If y varies inversely with x, and y = 4 when x = 4, find y when x = 2.

Task card 7 Direct & Inverse Variation

If y varies directly with x, and y = 3 when x = 1, find y when x = 2.

Task card 8 Direct & Inverse Variation

If y varies inversely with x, and y = 16 when x = 3, find y when x = 4.

Task card 9 Direct & Inverse Variation

If y varies directly with x, and y = 10 when x = 5, find y when x = 2.

Task card 10 Direct & Inverse Variation

If y varies inversely with x, and y = 6 when x = 4, find y when x = 2.

Task card 11 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 2, find y when x = 3.

Task card 12 Direct & Inverse Variation

If y varies inversely with x, and y = 9 when x = 2, find y when x = 3.

Task card 13 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 2, find y when x = 5.

Task card 14 Direct & Inverse Variation

If y varies inversely with x, and y = 15 when x = 3, find y when x = 5.

Task card 15 Direct & Inverse Variation

If y varies directly with x, and y = 4 when x = 2, find y when x = 1.

Task card 16 Direct & Inverse Variation

If y varies inversely with x, and y = 12 when x = 5, find y when x = 3.

Task card 17 Direct & Inverse Variation

If y varies directly with x, and y = 16 when x = 4, find y when x = 3.

Task card 18 Direct & Inverse Variation

If y varies inversely with x, and y = 18 when x = 5, find y when x = 3.

Task card 19 Direct & Inverse Variation

If y varies directly with x, and y = 20 when x = 5, find y when x = 3.

Task card 20 Direct & Inverse Variation

If y varies inversely with x, and y = 24 when x = 3, find y when x = 6.

Task card 21 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 1, find y when x = 2.

Task card 22 Direct & Inverse Variation

If y varies inversely with x, and y = 6 when x = 4, find y when x = 3.

Task card 23 Direct & Inverse Variation

If y varies directly with x, and y = 36 when x = 6, find y when x = 5.

Task card 24 Direct & Inverse Variation

If y varies inversely with x, and y = 4 when x = 3, find y when x = 2.

Direct & Inverse Variation Task Cards

Recording sheet · Grade 9 · Solve each problem.

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

Direct & Inverse Variation Task Cards: Answer Key

Grade 9 · Easy

The answers online

1. 12	**2.** 16	**3.** 3
4. 12	**5.** 12	**6.** 8
7. 6	**8.** 12	**9.** 4
10. 12	**11.** 9	**12.** 6
13. 15	**14.** 9	**15.** 2
16. 20	**17.** 12	**18.** 30
19. 12	**20.** 12	**21.** 12
22. 8	**23.** 30	**24.** 6