Task card 1 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 3, find y when x = 7.

Task card 2 Direct & Inverse Variation

If y varies inversely with x, and y = 72 when x = 3, find y when x = 9.

Task card 3 Direct & Inverse Variation

If y varies directly with x, and y = 63 when x = 9, find y when x = 4.

Task card 4 Direct & Inverse Variation

If y varies inversely with x, and y = 81 when x = 7, find y when x = 9.

Task card 5 Direct & Inverse Variation

If y varies directly with x, and y = 24 when x = 8, find y when x = 5.

Task card 6 Direct & Inverse Variation

If y varies inversely with x, and y = 21 when x = 6, find y when x = 7.

Task card 7 Direct & Inverse Variation

If y varies directly with x, and y = 5 when x = 1, find y when x = 8.

Task card 8 Direct & Inverse Variation

If y varies inversely with x, and y = 24 when x = 2, find y when x = 3.

Task card 9 Direct & Inverse Variation

If y varies directly with x, and y = 54 when x = 6, find y when x = 4.

Task card 10 Direct & Inverse Variation

If y varies inversely with x, and y = 9 when x = 8, find y when x = 3.

Task card 11 Direct & Inverse Variation

If y varies directly with x, and y = 64 when x = 8, find y when x = 5.

Task card 12 Direct & Inverse Variation

If y varies inversely with x, and y = 56 when x = 6, find y when x = 8.

Task card 13 Direct & Inverse Variation

If y varies directly with x, and y = 56 when x = 7, find y when x = 6.

Task card 14 Direct & Inverse Variation

If y varies inversely with x, and y = 32 when x = 2, find y when x = 4.

Task card 15 Direct & Inverse Variation

If y varies directly with x, and y = 27 when x = 9, find y when x = 5.

Task card 16 Direct & Inverse Variation

If y varies inversely with x, and y = 49 when x = 2, find y when x = 7.

Task card 17 Direct & Inverse Variation

If y varies directly with x, and y = 18 when x = 3, find y when x = 6.

Task card 18 Direct & Inverse Variation

If y varies inversely with x, and y = 32 when x = 9, find y when x = 4.

Task card 19 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 2, find y when x = 9.

Task card 20 Direct & Inverse Variation

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

Task card 21 Direct & Inverse Variation

If y varies directly with x, and y = 6 when x = 2, find y when x = 7.

Task card 22 Direct & Inverse Variation

If y varies inversely with x, and y = 40 when x = 5, find y when x = 8.

Task card 23 Direct & Inverse Variation

If y varies inversely with x, and y = 63 when x = 8, find y when x = 9.

Task card 24 Direct & Inverse Variation

If y varies directly with x, and y = 30 when x = 5, find y when x = 3.

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 · Hard

The answers online

1. 14	**2.** 24	**3.** 28
4. 63	**5.** 15	**6.** 18
7. 40	**8.** 16	**9.** 36
10. 24	**11.** 40	**12.** 42
13. 48	**14.** 16	**15.** 15
16. 14	**17.** 36	**18.** 72
19. 27	**20.** 32	**21.** 21
22. 25	**23.** 56	**24.** 18