Task card 1 Parallel & Perpendicular Lines

Are the lines y = -1/2x + 1 and y = -1/2x - 3 parallel, perpendicular, or neither?

Task card 2 Parallel & Perpendicular Lines

Write an equation of the line that passes through (2, 0) and is parallel to y = 1/2x + 7.

Task card 3 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-3, 8) and is perpendicular to y = x + 3.

Task card 4 Parallel & Perpendicular Lines

Are the lines y = x and y = x - 1 parallel, perpendicular, or neither?

Task card 5 Parallel & Perpendicular Lines

Write an equation of the line that passes through (0, -2) and is parallel to y = 1/2x - 3.

Task card 6 Parallel & Perpendicular Lines

Write an equation of the line that passes through (2, 5) and is perpendicular to y = -2x + 5.

Task card 7 Parallel & Perpendicular Lines

Are the lines y = -2x - 6 and y = 1/2x - 12 parallel, perpendicular, or neither?

Task card 8 Parallel & Perpendicular Lines

Write an equation of the line that passes through (9, -5) and is parallel to y = -1/3x + 7.

Task card 9 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-3, -3) and is perpendicular to y = -1/3x - 4.

Task card 10 Parallel & Perpendicular Lines

Are the lines y = -4x + 3 and y = -4x + 9 parallel, perpendicular, or neither?

Task card 11 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-2, -13) and is parallel to y = 4x + 6.

Task card 12 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-2, 11) and is perpendicular to y = 1/3x + 6.

Task card 13 Parallel & Perpendicular Lines

Are the lines y = -5/2x + 6 and 2x + 5y = 5 parallel, perpendicular, or neither?

Task card 14 Parallel & Perpendicular Lines

Write an equation of the line that passes through (4, 7) and is parallel to y = 1/2x + 4.

Task card 15 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-1, 0) and is perpendicular to y = -1/3x - 2.

Task card 16 Parallel & Perpendicular Lines

Are the lines y = x + 7 and x + y = 2 parallel, perpendicular, or neither?

Task card 17 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-6, -3) and is parallel to y = 1/2x - 1.

Task card 18 Parallel & Perpendicular Lines

Write an equation of the line that passes through (10, -7) and is perpendicular to y = 5/2x + 3.

Task card 19 Parallel & Perpendicular Lines

Are the lines y = -x - 6 and y = x - 4 parallel, perpendicular, or neither?

Task card 20 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-6, 5) and is parallel to y = -2/3x - 1.

Task card 21 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-4, -3) and is perpendicular to y = -2/3x - 6.

Task card 22 Parallel & Perpendicular Lines

Are the lines y = -5x - 6 and y = 5x - 11 parallel, perpendicular, or neither?

Task card 23 Parallel & Perpendicular Lines

Write an equation of the line that passes through (1, 7) and is parallel to y = x - 5.

Task card 24 Parallel & Perpendicular Lines

Write an equation of the line that passes through (0, -5) and is perpendicular to y = -x + 7.

Parallel & Perpendicular Lines Task Cards

Recording sheet · Grade 9 · Answer each question. Write equations in slope-intercept form, with fractional slopes like y = -1/2x + 3.

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

Parallel & Perpendicular Lines Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. parallel	**2.** y = 1/2x - 1	**3.** y = -x + 5
4. parallel	**5.** y = 1/2x - 2	**6.** y = 1/2x + 4
7. perpendicular	**8.** y = -1/3x - 2	**9.** y = 3x + 6
10. parallel	**11.** y = 4x - 5	**12.** y = -3x + 5
13. neither	**14.** y = 1/2x + 5	**15.** y = 3x + 3
16. perpendicular	**17.** y = 1/2x	**18.** y = -2/5x - 3
19. perpendicular	**20.** y = -2/3x + 1	**21.** y = 3/2x + 3
22. neither	**23.** y = x + 6	**24.** y = x - 5