Task card 1 Parallel & Perpendicular Lines

Are the lines y = 3x - 7 and 3x + y = -2 parallel, perpendicular, or neither?

Task card 2 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-4, -6) and is parallel to y = 5/2x - 3.

Task card 3 Parallel & Perpendicular Lines

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

Task card 4 Parallel & Perpendicular Lines

Are the lines y = -3x + 5 and x - 3y = -24 parallel, perpendicular, or neither?

Task card 5 Parallel & Perpendicular Lines

Write an equation of the line that passes through (4, 1) and is parallel to y = -1/2x + 6.

Task card 6 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-6, 0) and is perpendicular to y = 3/2x - 2.

Task card 7 Parallel & Perpendicular Lines

Are the lines y = 4x - 1 and 4x - y = -1 parallel, perpendicular, or neither?

Task card 8 Parallel & Perpendicular Lines

Write an equation of the line that passes through (3, -17) and is parallel to y = -5x - 7.

Task card 9 Parallel & Perpendicular Lines

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

Task card 10 Parallel & Perpendicular Lines

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

Task card 11 Parallel & Perpendicular Lines

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

Task card 12 Parallel & Perpendicular Lines

Write an equation of the line that passes through (0, -6) and is perpendicular to y = 5x - 2.

Task card 13 Parallel & Perpendicular Lines

Are the lines y = 4x + 5 and x + 4y = 24 parallel, perpendicular, or neither?

Task card 14 Parallel & Perpendicular Lines

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

Task card 15 Parallel & Perpendicular Lines

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

Task card 16 Parallel & Perpendicular Lines

Are the lines y = -4/3x + 5 and 3x - 4y = -24 parallel, perpendicular, or neither?

Task card 17 Parallel & Perpendicular Lines

Write an equation of the line that passes through (3, -19) and is parallel to y = -5x - 3.

Task card 18 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-2, -7) and is perpendicular to y = -1/3x - 5.

Task card 19 Parallel & Perpendicular Lines

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

Task card 20 Parallel & Perpendicular Lines

Write an equation of the line that passes through (6, -4) and is parallel to y = -1/3x + 7.

Task card 21 Parallel & Perpendicular Lines

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

Task card 22 Parallel & Perpendicular Lines

Are the lines y = 5x - 6 and 5x - y = 10 parallel, perpendicular, or neither?

Task card 23 Parallel & Perpendicular Lines

Write an equation of the line that passes through (3, 0) and is parallel to y = 2x - 5.

Task card 24 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-10, -4) and is perpendicular to y = 5x + 5.

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 · Hard

The answers online

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