Task card 1 Parallel & Perpendicular Lines

A line has the equation y = -4x - 6. What is the slope of a line perpendicular to it?

Task card 2 Parallel & Perpendicular Lines

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

Task card 3 Parallel & Perpendicular Lines

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

Task card 4 Parallel & Perpendicular Lines

A line has the equation y = x + 2. What is the slope of a line perpendicular to it?

Task card 5 Parallel & Perpendicular Lines

Are the lines y = 5x - 5 and y = 5x - 7 parallel, perpendicular, or neither?

Task card 6 Parallel & Perpendicular Lines

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

Task card 7 Parallel & Perpendicular Lines

A line has the equation y = -5x - 6. What is the slope of a line perpendicular to it?

Task card 8 Parallel & Perpendicular Lines

Are the lines y = -2x - 2 and y = 2x - 4 parallel, perpendicular, or neither?

Task card 9 Parallel & Perpendicular Lines

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

Task card 10 Parallel & Perpendicular Lines

A line has the equation y = 5x + 6. What is the slope of a line parallel to it?

Task card 11 Parallel & Perpendicular Lines

Are the lines y = -x + 7 and y = 2x + 5 parallel, perpendicular, or neither?

Task card 12 Parallel & Perpendicular Lines

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

Task card 13 Parallel & Perpendicular Lines

A line has the equation y = 3x + 4. What is the slope of a line parallel to it?

Task card 14 Parallel & Perpendicular Lines

Are the lines y = -5x + 2 and y = -1/5x - 1 parallel, perpendicular, or neither?

Task card 15 Parallel & Perpendicular Lines

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

Task card 16 Parallel & Perpendicular Lines

A line has the equation y = 5x + 5. What is the slope of a line parallel to it?

Task card 17 Parallel & Perpendicular Lines

Are the lines y = -4x - 2 and y = -4x - 6 parallel, perpendicular, or neither?

Task card 18 Parallel & Perpendicular Lines

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

Task card 19 Parallel & Perpendicular Lines

A line has the equation y = -3x + 6. What is the slope of a line parallel to it?

Task card 20 Parallel & Perpendicular Lines

Are the lines y = 4x + 6 and y = 1/4x + 4 parallel, perpendicular, or neither?

Task card 21 Parallel & Perpendicular Lines

Write an equation of the line that passes through (-2, -14) and is parallel to y = 4x - 3.

Task card 22 Parallel & Perpendicular Lines

A line has the equation y = -4x + 3. What is the slope of a line perpendicular to it?

Task card 23 Parallel & Perpendicular Lines

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

Task card 24 Parallel & Perpendicular Lines

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

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

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The answers online

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