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## Parallel, Perpendicular and Intersecting Lines Worksheet

Name:

Check whether lines with slopes,  $m_1 = -(2 / 7)$  and  $m_2 = (7 / 2)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = (1 / 4)$  and  $m_2 = -(1 / 4)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = -2$  and  $m_2 = -2$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = (1 / 7)$  and  $m_2 = -7$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines



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## Parallel, Perpendicular and Intersecting Lines Worksheet

Check whether lines with slopes,  $m_1 = 4$  and  $m_2 = 2$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = (2 / 3)$  and  $m_2 = -(3 / 2)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines  $y = 4x + 7$  and  $y = 4x - 18$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines  $12 = 2x - 3y$  and  $4 = -3x - 2y$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines  $3x - y = 9$  and  $x + 3y = 36$  are

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## Parallel, Perpendicular and Intersecting Lines Worksheet

Check whether lines  $-(1/2)x + y = 8$  and  $2y = x + 14$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines  $y = 4$  and  $x = -7$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = (3/5)$  and  $m_2 = -(5/3)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether one line passing through points  $(-1, -2)$  &  $(1, 2)$ ; another line passing through  $(-2, 0)$  &  $(0, 4)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether one line passing through points  $(0, -4)$  &  $(-1, -7)$ ; another line passing through  $(3, 0)$  &  $(-3, 2)$  are

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## Parallel, Perpendicular and Intersecting Lines Worksheet

Check whether one line passing through points  $(-4, 2)$  &  $(0, 3)$ ; another line passing through  $(-3, -2)$  &  $(3, 2)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether one line passing through points  $(0, 3)$  &  $(3, 1)$ ; another line passing through  $(-1, 4)$  &  $(-7, -5)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines with slopes,  $m_1 = (3 / 4)$  and  $m_2 = (-7 / 4)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether one line passing through points  $(2, 3)$  &  $(1, 5)$ ; another line passing through  $(4, 6)$  &  $(2, 5)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines

Check whether lines  $y + 14 = 9$  and  $y + x = y + 5$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines



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## Parallel, Perpendicular and Intersecting Lines Worksheet

Check whether one line passing through points  $(4, 6)$  &  $(2, 5)$ ; another line passing through  $(-3, 2)$  &  $(1, 4)$  are

Parallel Lines      Perpendicular Lines      Intersecting Lines