

Name _____ Date _____ Period _____

Parallel, Perpendicular, or the Same Lines

Determine if the given pair of lines is parallel, perpendicular, or intersecting.

1) $y = -\frac{1}{3}x - 16$ and $x + 3y = 3$ Answer: _____	5) $y = x - 5$ and $y = x + 4$ Answer: _____
2) $y = -\frac{5}{4}x - 10$ and $-5x + 4y = -16$ Answer: _____	6) $y = \frac{1}{4}x + 12$ and $y = \frac{1}{4}x - 2$ Answer: _____
3) $y = \frac{4}{7}x + 20$ and $y = \frac{7}{4}x - 3$ Answer: _____	7) $y = -3x + 4$ and $y = \frac{1}{3}x + 3$ Answer: _____
4) $y = \frac{3}{7}x + 14$ and $-7x + 3y = 15$ Answer: _____	8) $y = \frac{4}{7}x - 19$ and $7x + 4y = 16$ Answer: _____