Name : _____ Score : _____

Teacher : _____ Date : _____

Parallel, Perpendicular, and Intersecting Lines

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

1) $y = -\frac{2}{3}x - 17$ and $3x + 2y = 12$ Answer: _____	5) $y = 6x - 6$ and $6x - y = 1$ Answer: _____
2) $y = -\frac{1}{2}x + 19$ and $y = 2x - 4$ Answer: _____	6) $y = x + 18$ and $y = -x + 2$ Answer: _____
3) $y = \frac{3}{2}x + 5$ and $-6x + 4y = -12$ Answer: _____	7) $y = \frac{1}{2}x + 15$ and $y = \frac{1}{2}x - 1$ Answer: _____
4) $y = \frac{1}{4}x + 14$ and $x + 4y = 32$ Answer: _____	8) $y = 2x - 10$ and $y = \frac{1}{2}x + 4$ Answer: _____

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3) $y = \frac{3}{2}x + 5$ and $-6x + 4y = -12$ Answer: Parallel Lines	7) $y = \frac{1}{2}x + 15$ and $y = \frac{1}{2}x - 1$ Answer: Parallel Lines
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