Parallel, Perpendicular, and Intersecting Lines

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

1) $y = \frac{3}{2}x - 16$ and $y = \frac{3}{2}x + 3$

Answer: _____

5) $y = \frac{1}{2}x - 20$ and $-x + 2y = -20$

Answer: _____

2) $y = -\frac{2}{3}x + 17$ and $-6x + 4y = -12$

Answer: _____

6) $y = -\frac{7}{4}x + 3$ and $y = \frac{7}{4}x - 3$

Answer: _____

3) $y = -3x + 4$ and $y = \frac{1}{3}x + 3$

Answer: _____

7) $y = \frac{2}{3}x - 15$ and $-2x + 3y = 21$

Answer: _____

4) $y = -x - 10$ and $y = -x + 4$

Answer: _____

8) $y = -x - 11$ and $x - y = 12$

Answer: _____