

- 7) The equations of two lines are $x - 5y = 6$ and $x + 5y = 1$. Determine whether these lines are parallel, perpendicular, or neither.
- 8) The equations of two lines are $3y = 2x + 6$ and $2y + 3x = 9$. Determine whether these lines are parallel, perpendicular, or neither.
- 9) The equations of two lines are $x + 2y = 8$ and $y = -\frac{1}{2}x + 5$. Determine whether these lines are parallel, perpendicular, or neither.

1) D 2) B 3) D 4) C 5) A

6) B

7) neither

8) perpendicular

9) parallel