

Name: _____

Compare the correlations (Strong/Weak, Positive/Negative, or none), slope and y-intercepts. State whether the lines are perpendicular, parallel, intersecting, or the same line.

(1) A) $y = 4x + 4$ B) $y = 4x - 1$

Correlation: _____

Slope of A: _____ Slope of B: _____ Steeper Slope: _____

Y-Intercept of A: _____ Y-intercept of B: _____ Greater y-intercept: _____

The lines are: _____

(2) A) $y = 1/3x + 2$ B) $y = 3x - 2$

Correlation: _____

Slope of A: _____ Slope of B: _____ Steeper Slope: _____

Y-Intercept of A: _____ Y-intercept of B: _____ Greater y-intercept: _____

The lines are: _____

(3) A) $y = -x + 2$ B) $y = 2x + 2$

Correlation: _____

Slope of A: _____ Slope of B: _____ Steeper Slope: _____

Y-Intercept of A: _____ Y-intercept of B: _____ Greater y-intercept: _____

The lines are: _____

(4) A) $y = 2/3x + 4$ B) $y = -3/2x$

Correlation: _____

Slope of A: _____ Slope of B: _____ Steeper Slope: _____

Y-Intercept of A: _____ Y-intercept of B: _____ Greater y-intercept: _____

The lines are: _____