Name:_____

Date:_____Pd:_____

Linear Equations: Two Points HOMEWORK

*Create a linear-equation using **two points** (use your formula $\frac{y_2 - y_1}{x_2 - x_1}$ to find the slope. Choose a point to plug into y=mx+b and solve for your y-intercept.)*

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1) (-2 , 5) and (4 , 8)

Slope (m) =_____

y-intercept (b) = _____

Slope-intercept equation:_____

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2) (1 , 6) and (3 , 8)

Slope (m) =_____

y-intercept (b) = _____

Slope-intercept equation:_____

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3) (3, 97) and (5, 85)

Slope (m) =_____

y-intercept (b) = _____

Slope-intercept equation:_____

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4) (15, 71) and (30, 86)

Slope (m) =_____

y-intercept (b) = _____

Slope-intercept equation:_____