

Objective: SWBAT find correlations of line of fit graphs using graphing calculators.

Warm up:

1. Convert from standard form to y-intercept form:

$$4x - 2y = -14$$

2. Convert from point-slope form to y-intercept form:

$$y - 5 = -5(x - 3)$$

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## Correlations

ELG: interpret correlation coefficients of linear fits

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**Correlations:**

We find correlations of lines about data so we can see if the line of fit we wrote is a good fit for the data.

The closer to 1 or -1 the number is, the line is a good fit.

Correlations show us how two or more variables change together.

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Group graphing calculator activity

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