

Algebra 1 4.2

Write an equation of a line given a slope and a point

Write an equation of a line given two points

slope

y-intercept

linear equation

slope-intercept form

constraints

linear extrapolation

$$y = mx + B$$

information
rate of change

activity: card matching

Cut & paste

$$y = mx + b$$

Whiteboards

Write the equation of the line:

$$y = 3x + 8$$

b. $(-4, -2)$ and $(-5, -6)$

Write an equation of the line that passes through each pair of points.

5. $(4, -3), (2, 3)$

6. $(-7, -3), (-3, 5)$

$$m = ?$$

$$b = ?$$

$$y = 4x + 2$$

Card matching activ

