

Name:

Per:

Show your work.

Table:

1) Find the slope of a line that passes through (3, -4) and (-1, -2).

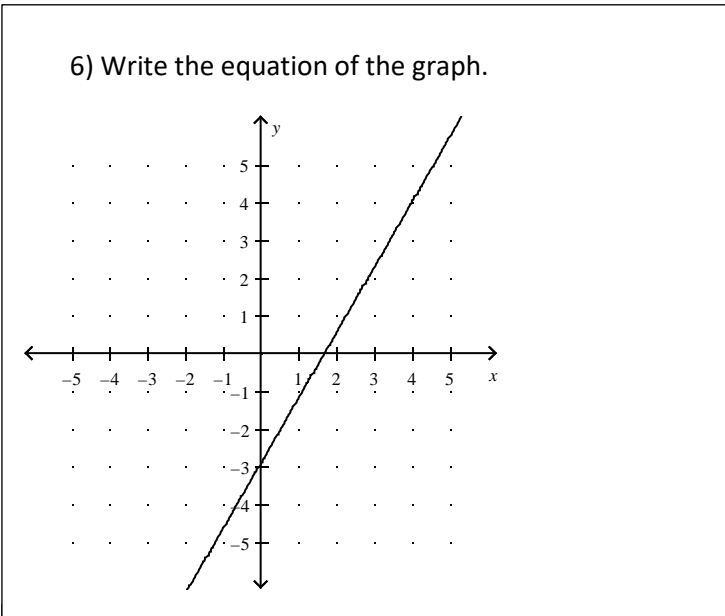
2) Write an equation that shows the cost of bowling if shoe rental is \$5 and it is \$3.75 per game?

3) Write an equation that shows how many apples at \$1.50/pound and bananas at \$0.50/pound can you buy for \$15?

4) What is the slope and y-intercept for $2x - 3y = 12$?

5) What is the equation in point slope form for a line that passes through (2, 3) and (-2, 1)

In slope intercept form:



7) Find the equation of a line that is perpendicular to the equation $y = 3x - 4$ and passes through the point (3, 6).

An equation that is parallel and passes through (3, 6):

