



Student's Name: _____

Grade 11th

11th November, 2025

Q1) State if the following pairs of lines are parallel, perpendicular or neither and state the reason.

$$y = 3 - 5x$$

$$5x + y = 13$$

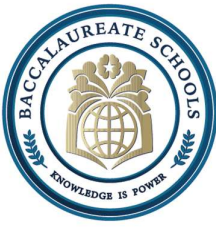
$$y = 2x + 4$$

$$y = -11 - \frac{1}{2}x$$

$$6x - 2y - 10 = 0$$

$$3y = 17 - 10x$$

Q2) Write the equation of the line passing through points (-3,2) and (4, -1), (show all work)

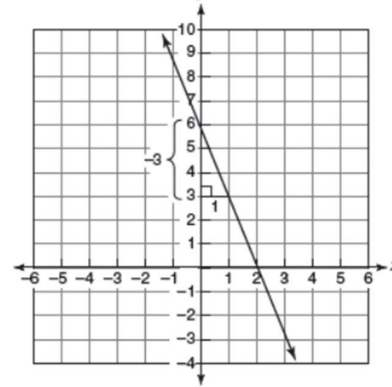
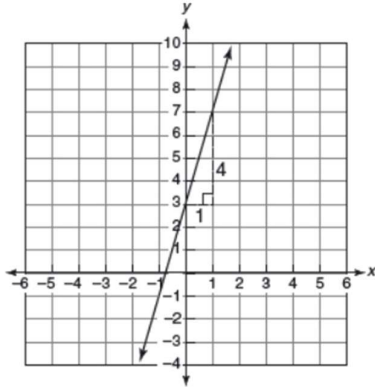


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Q3) Write the line equation for the following lines



Q4) Graph the following linear equations then state the relationship between the lines?

$$y + 2x = 4$$

$$y = \frac{1}{2}x$$

