

Name _____

Date _____

Lesson 26: Characterization of Parallel Lines

Exit Ticket

Does each system of linear equations have a solution? Explain your answer.

$$\begin{cases} y = \frac{5}{4}x - 3 \\ y + 2 = \frac{5}{4}x \end{cases}$$

$$\begin{cases} y = \frac{2}{3}x - 5 \\ 4x - 8y = 11 \end{cases}$$

$$\begin{cases} \frac{1}{3}x + y = 8 \\ x + 3y = 12 \end{cases}$$