

I am passing back your ch 3 quizzes. Review any problems that you missed and have questions ready for when I am *finished* passing out papers.

$$\overline{3x - 3}$$

$$\overline{(4y + 4) + 60}$$

$$3x - 3 + 4y + 4 = 180$$

$$3x - 3 + 4(29) + 4 = 180$$

$$3x + 117 = 180$$

$$-117 \quad -117$$

$$3x = 63$$

$$\frac{3x}{3} = \frac{63}{3}$$

$$x = 21$$

$$(4y + 4) + 60 = 180$$

$$-64 \quad -64$$

$$\frac{4y}{4} = \frac{116}{4}$$

$$y = 29$$

$$\overleftrightarrow{AB} = \frac{-9 - 6}{2 - (-1)} = \frac{-15}{3}$$

$$\overleftrightarrow{DF} = \frac{2 - (-1)}{5 - (-10)} = \frac{3}{15}$$

$$3x - 7 + 4x - 9 = 180$$

$$7x - 16 = 180$$

$$\frac{9-3}{12-(-6)} = \frac{6 \div 6}{18 \div 6} = \frac{1}{3}$$

$$(2, 0)$$

$$(0, 12)$$

$$b = 12$$

$$\frac{0 - 12}{2 - 0} = \frac{-12}{2}$$

$$m = -6$$

$$y = -6x + 12$$

$$\text{Slope of } \overleftrightarrow{AB} = \frac{1}{2} \quad \frac{5-4}{1-(-1)} = \frac{1}{2}$$

$$\text{Slope of } \overleftrightarrow{CD} = \frac{1}{2}$$

$$C(x_2, y_2) \\ C(-5, 3)$$

$$D(x_1, y_1)$$

$\overleftrightarrow{GD}$

$$\frac{1}{2} = \frac{3 - y_1}{-5 - x_1}$$
$$-5 - (-7)$$

$$D(-7, 2)$$

$\overleftrightarrow{AB}$

$$\frac{7-3}{8-2} = \frac{4}{6} = \frac{2}{3}$$

$C(6, 1)$

$\overleftrightarrow{CD}$

$$m = \frac{-3}{2} = \frac{1-y_1}{6-x_1}$$

$D(x_1, y_1)$

$(4, 4)$

$\parallel$