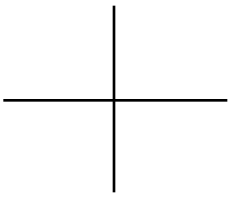
Warm Up ***# 37*** ***Name*** _____

J Allyn

1 In the linear equation $6x - 3y = 18$

~ 'x' and 'y' intercept is (___ , 0) (0, ___)

~ 'y' form (slope - intercept form)



2 In the linear equation $4y - 8x = 12$

~ 'y form (slope - intercept form) the 'y' intercept is (0, ___)

~ the slope is _____ rise _____ run _____

3 Identify the **slope and the 'y' intercept** of the graph of the following equation.

$4y = 3x - 2$

Notes **slope** = $\frac{\text{change in 'y'}}{\text{change in 'x'}}$ $\frac{\text{(rise)}}{\text{(run)}}$ Find the slope of line connecting (5, 6) and (3, 2)

$$\text{slope} = \frac{6 - 2}{5 - 3} = \frac{4}{2} = 2 \quad \text{or} \quad \frac{2 - 6}{3 - 5} = \frac{-4}{-2} = 2$$

Find the slopes of the line through each pair of points.

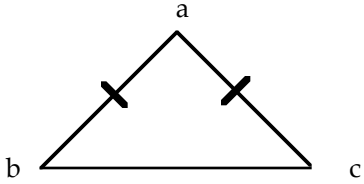
L_1 (6, 8) and (3, 2) L_2 (6, 3) and (4, 6) L_3 (-1, 4) and (- 3, - 7)

Change in 'x' _____ = slope
Change in 'y'

4 $(4\ 1/3 - 2\ 3/4) \bullet 24$

5 Change 2^{-3} to a fraction, decimal and percent

6



Measure of angle a ($m < a$) = 50°

Find the measure of angle c ($m < c$)

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