Date: Sept 27

Bell ringer High Flight money

Write in standard form, point slope form and slope-intercept form.

$(-6,-8)(2,3)$ $m=\frac{11}{8}$

SF: $11x-8y=2$

PSF: $y+8=\frac{11}{8}(x+6)$ OR $y-3=\frac{11}{8}(x-2)$

SIF: $y=\frac{11}{8}x+\frac{1}{4}$

$m=\frac{11}{8}$ $y=mx+b$ $(2,3)$

$3=\frac{11}{8}(2)+b$

$3=\frac{11}{4}+b$

$\frac{1}{4}=b$

Assignment:
WS on sections 3-1, 3-3, 4-1 to 4-3(All)

$$\left(y = \frac{11}{8}x + \frac{1}{4}\right)^8$$

$$8y = 11x + 2$$

$$-11x + 8y = 2$$

$$11x - 8y = -2$$

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$(-4, 3)$ yint $(0, 0)$

$$m = \frac{0-3}{0+4} = \frac{-3}{4} \qquad b = 0$$

$$\left(y = -\frac{3}{4}x\right)4$$

$$4y = -3x$$

$$+3x \qquad +3x$$

$$3x + 4y = 0$$