Date: Oct 23

Bell ringer

Write the equation in standard form and slope-intercept form for the line that passes through the points (-4,7) and (-6,2).

SIF

$y = \frac{5}{2}x + 17$

SF

$5x - 2y = -34$

Assignment
Linear Equation Review WS 1
Test on Monday, October 28th

22) $3y - 12x = -72$

Inv $3x - 12y = -72$

$$\frac{-12y}{-12} = \frac{-3x - 72}{-12} \quad \frac{}{-12}$$

$$y = \frac{1}{4}x + 6$$

24) $-42 + 6y = x$

Inv $-42 + 6x = y$

$$f^{-1}(x) = 6x - 42$$

18) $f(x) = \frac{2}{5}x + 10$

$y = \frac{2}{5}x + 10$

Inv $\left(x = \frac{2}{5}y + 10\right)5$

$5x = 2y + 50$

$-50 \qquad -50$

$5x - 50 = 2y$

$\frac{5x}{2} - \frac{50}{2} = \frac{2y}{2}$

$y = \frac{5}{2}x - 25$