

Algebra Bellwork - November 3, 2011

Solve and graph the inequality.

$$7 - \frac{2}{7}x \geq 3$$

360,000,000,000

How many photos are uploaded to facebook each year (at the current rate)?



$$-\frac{2}{7}x \geq 3$$
$$\left(-\frac{7}{2}\right)\left(-\frac{2}{7}x\right) \geq -4\left(-\frac{7}{2}\right)$$

$$x \leq 14$$

$$-x + 5 < -10$$

$-5 \qquad -5$

$$\frac{-x}{-1} < \frac{-15}{-1}$$

$$x > 15$$