Name: _____
Date: _____

Kanye West and Kim Kardashian were given the equation below and were told to solve for x.
(a) Determine who solved the problem correctly.
**Provide evidence to defend your answers in the lines below.**

$$-12x + 4 = 96$$

Kanye's solution:

$$\frac{-12x}{-12} + 4 = \frac{96}{-12}$$

$$x + 4 = -8$$

$$-4 \quad -4$$

$$x = -12$$

Kim's solution:

$$-12x + 4 = 96$$

$$-4 \quad -4$$

$$\frac{-12x}{-12} = \frac{92}{-12}$$

$$x = -\frac{23}{3} \approx 7.67$$

_____ is correct because _____

I know this is true because _____

_____ made a mistake when _____