

Name: _____

Date: _____

Shabazz Napier was given the equation to the right and was told to solve for x.

$$\frac{x}{4} + 8 = 7$$

(a) **Explain his thinking** and determine if his solution is correct or not.

(b) Fix his solution so the steps are more clear.

Provide evidence to defend your answers in the lines below.

Shabazz's solution:

$$\begin{aligned} \frac{x}{4} + 8 &= 7 \\ \frac{x + 32}{4} &= \frac{28}{4} \\ x + 32 &= 28 \\ x &= 28 - 32 \\ \boxed{x = -4} \end{aligned}$$

(b) Your revised solution:

$$\frac{x}{4} + 8 = 7$$

(a) Looking at Shabazz's solution, I think he was thinking _____

Shabazz's solution is CORRECT / INCORRECT (circle one) because _____

(b) I fixed/clarified his solution by _____
