

Growth Mindset

Find mistakes and make a brain grow

Find the mistake in each of the following. Then, write a recommendation for what the student should do next time.

$$4x - 9 = -7x + 13$$

$+9$ $+9$

$$4x = -7x + 22$$

$-7x$ $-7x$

$$\cancel{+3x} = \frac{22}{-3}$$

$$x = -\frac{22}{3}$$

$$\frac{5x + 10}{5} = \frac{-20}{5}$$

$$x + 10 = -4$$

-10 -10

$$x = -14$$

$$4x + 9 = 7x + 3$$

-9 -9

$$4x = 7x - 6$$

$-4x$ $-4x$

$$= \frac{3x - 6}{3}$$

$$x = -2$$

The Correct Version:

Write down some things you learned from the mistakes in this handout.