## 8.2 Solving Equations

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## Solving 2-step equations with fractions

# isolate the variable in a 2-step equation # use the reverse order of operations

## Ex.#

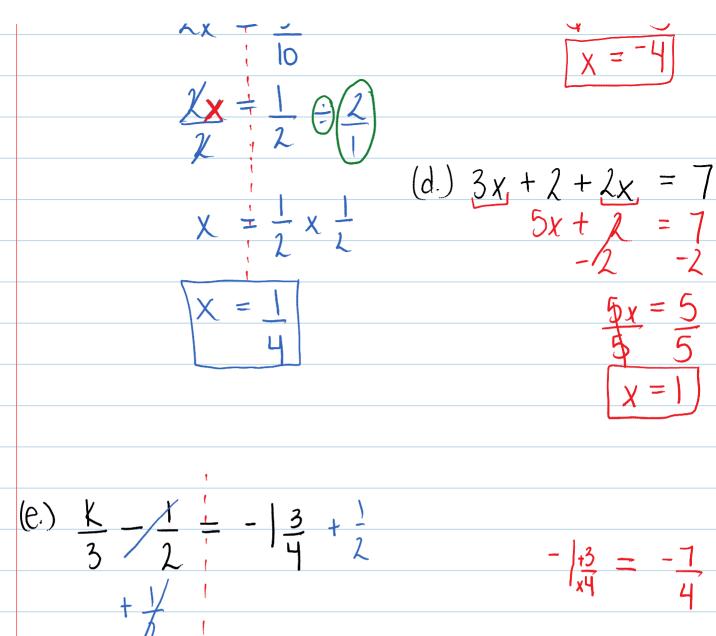
(a) 
$$2x + \frac{1}{10} = \frac{3}{5} = \frac{1}{10}$$
 (b)  $x - 2 = 8$ 

$$-\frac{1}{10} = \frac{3}{5} = \frac{1}{10}$$

$$2x = \frac{3}{5} = \frac{1}{2} = \frac{1}{10}$$

$$2x = \frac{1}{5} = \frac{1}{20}$$

$$2x = \frac{1}{5} =$$



(e) 
$$\frac{1}{3} - \frac{1}{4} + \frac{1}{2} - \frac{1}{4} = -\frac{7}{4} + \frac{2}{4} +$$

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