

December 2, 2014

1st
2nd

Starter

Mom baked a cake.

Dad ate $\frac{1}{6}$ of the cake.

Brother ate $\frac{1}{5}$ of what was left.

Sister ate $\frac{1}{4}$ of the remaining cake.

After that, the dog ate $\frac{1}{3}$ of the remaining cake.

Finally, a neighbor kid ate $\frac{1}{2}$ of what was left.



What fraction of the whole cake was left for Mom?

farrington

12/2 More solving one-step add/subtract equations



Review:

$$\begin{array}{r} n + 4.6 = 10.9 \\ -4.6 \quad | \quad -4.6 \\ \hline n = 6.3 \end{array}$$

It's balanced when _____.

- the weight is the same
- the same amount of stuff on each side

EQUAL means _____.

- the same
- balanced

4 things you can do that don't change the balance:

1. Add the same number to both sides
2. Subtract the same number from both sides
3. Switch sides
4. Change the sign of both sides

$$\begin{array}{r} -12 - r = 31 \\ +12 \quad \downarrow \quad +12 \\ -r = 43 \\ \rightarrow r = -43 \end{array}$$

$$\begin{array}{r} -15 = 27 - a \\ -27 \quad -27 \\ \hline -42 = -a \\ 42 = a \end{array}$$

Now with decimals...

$$n + (-10.1) = -4.4$$

$$+10.1$$

$$n = 5.7$$

$$-4.1 = k - (-3.7)$$

$$-4.1 = k + 3.7$$

$$-3.7$$

$$-7.8 = k$$

$$8 - v = 6.7$$

$$-8$$

$$-v = 1.3$$

$$v = 1.3$$

Homework

Gold WS2

Due Wednesday