December 2, 2014

1st
2nd

Starter

Mom baked a cake.
Dad ate 1/6 of the cake.
Brother ate 1/5 of what was left.
Sister ate 1/4 of the remaining cake.
After that, the dog at 1/3 of the remaining cake.
Finally, a neighbor kid ate 1/2 of what was left.

What fraction of the whole cake was left for Mom?

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

Review:

$$n + 4.6 = 10.9$$

$$-4.6 \quad -4.6$$

$$n = 6.3$$

It's balanced when ____.

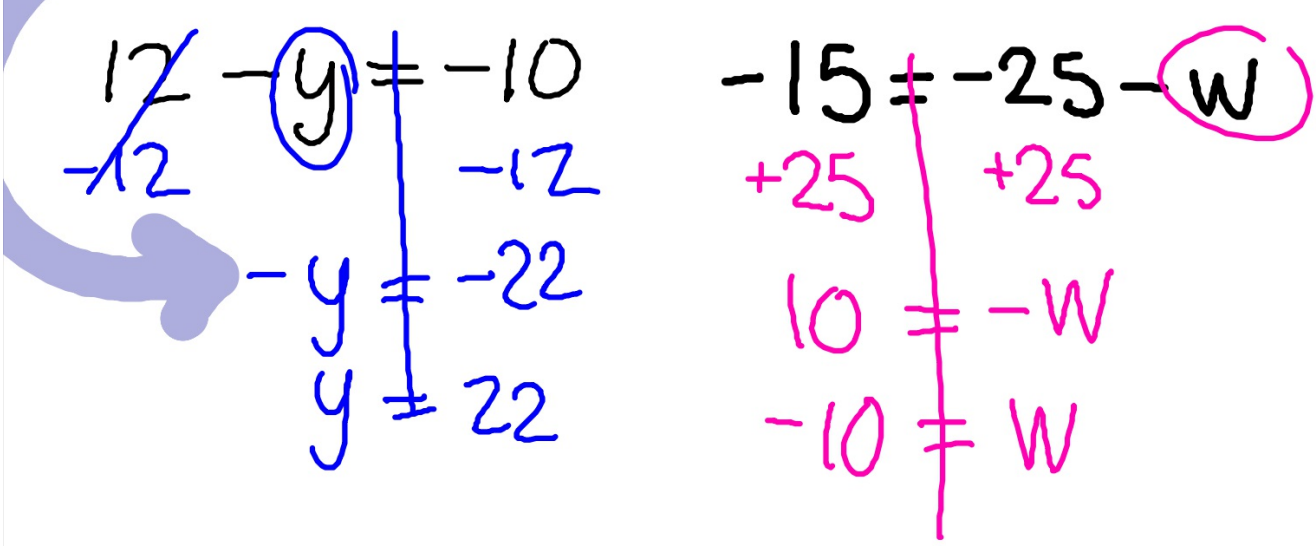
the 2 sides are equal, they weigh the same

EQUAL means balanced

both sides are the same

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



Now with decimals...

$n + (-10.1) = -4.4$

$+10.1 \quad +10.1$

$n = 5.7$

$-4.1 = k - (-3.7)$

$-4.1 = k + 3.7$

$-3.7 \quad -3.7$

$-7.8 = k$

$8 - v = 6.7$

$-8 \quad -8.0$

$-v = -1.3$

$v = 1.3$

Homework

Gold WS2

Due Wednesday