

## Equations Homework

1.  $\frac{2}{25} \div \frac{5}{8}$

3.  $-10 - 17$

2.  $-10 + 17$

4.  $-10 - (-17)$

**Solve each equation algebraically and visually (like we did in class)**

5.  $2d + 4 = 18$

6.  $6r + 2 = 12 + 4r$

7.  $4y + 23 = 7y + 8$

8.  $\frac{7}{9} = \frac{3}{9}n + \frac{4}{9}$

9.  $-2(b + 5) = -6$

10. Al's father is 45. He is 15 years older than twice Al's age.

a. Write an equation and define your variable.

b. How old is Al?

**For the Thinkers:**