**Solving Absolute Value Equations**

Solve:

1. $\left|x\right|=8$
2. $\left|x\right|=2$
3. $\left|9x+8\right|=46$
4. $\left|3x-2\right|=7$
5. $-7\left|-3-3x\right|=21$
6. $8\left|x+7\right|-3=5$

1. $\frac{\left|-4-3x\right|}{4}=2$

1. $\frac{\left|-4x-10\right|}{8}=3$

**Solving Absolute Value Inequalities**

1. $\left|9x+6\right|\geq 3$

1. $3-\left|6x+7\right|\leq -40$

1. $4\left|x+7\right|+3>59$

1. $8\left|3-3x\right|-5<91$

