<u>**Practice:** One-Step Equations</u>

Read the examples below.

ONE STEP SUBTRACTION EXAMPLE	Multiplication Example	One Step Division Example
The Opposite of Subtraction is Addition $$x - 120 = 80$$ $$+120 \quad +120$$ $$x \qquad = 200 \checkmark$$ The value which makes the equation true is 200.	The Opposite of Multiplication is Division $$3n = 12$$ $$\frac{3n}{3} = \frac{12}{3}$$ 3/3 cancels down to become 1/1 =1 $$n = 4 \checkmark$$ 1n is simply "n" The value which makes the equation true is 4.	The Opposite of Division is Multiplication. $$\frac{k}{2} = 16$$ K is divided by 2, so we need to multiply both sides by 2 $$\frac{k}{2} \times 2 = 16 \times 2$$ 2/2 cancels down to become 1/1 =1 $$k = 32 \checkmark$$ 1k is simply "k" The value which makes the equation true is 32.

Now, solve these equations.

1. $x + 16 = 25$	2. $n - 9 = 17$
3. $-30 = w + 8$	4. $y + 5 = -13$
5. $c - 2.4 = 1.8$	6. $3m = 33$
7. $-5b = 45$	8. $-9x = -54$
9. $\frac{x}{3} = 5$	10. $\frac{x}{-2} = 7$