12.10.15

Solve using square roots. (Isolate and solve for n.)

$$7p^{2} + 16 = 2151$$

$$7p^{2} = 2135$$

$$7p^{2} = 305$$

$$-5 \times -5$$
 -5×-5
 $\times \times -5$

Solve by completing the square.

(Use your notes from Monday.)

$$0=16=-100=18$$
 $0=16=-100=18$
 $0=16=-100=18$
 $0=16=-100=18$

$$\frac{b}{2} = \frac{10}{2} = -5$$

$$(-5)^2 = 25$$

$$X^2 - 10x + 25 = 7$$

$$(x-5)(x-5) = 7$$

 $\sqrt{(x-5)^2} = \sqrt{7}$