## Pattern - Completing the Square

$$
(x+10)^{2}=x^{2}+20 x+100
$$

$$
(x+5)^{2}=x^{2}+10+25
$$

$$
(x-12)^{2}=x^{2}-24 x+144
$$

$$
(x-6)^{2}=x^{2}-12 x+36
$$

