

3.



$$(x+6)(r-3)$$

$$rx + 3x + 6r + 18$$

$$rx - 6x + 3r - 18$$

$$rx - 3x + 6r - 18$$

$$rx - 6x + 6r + 18$$

**Solution**

$$\begin{aligned} (x+6)(r-3) \\ = rx - 3x + 6r - 18 \end{aligned}$$