

Multiply Binomials

Find the product and simplify.

$$(5a+4)(-4a+2)$$

$$(-4p-5)(4p-5)$$

$$(4c+1)(-4c-3)$$

$$(-2b+5)(-2b-5)$$

$$(-y-4)(-5y-1)$$

$$(-2w-3)(-w-5)$$

$$(4x+2)(4x-2)$$

$$(-5t-3)(-5t-5)$$

Multiply Binomials

Find the product and simplify.

$$\begin{aligned}(5a+4)(-4a+2) \\ = -20a^2 - 6a + 8\end{aligned}$$

$$\begin{aligned}(-4p-5)(4p-5) \\ = -16p^2 + 25\end{aligned}$$

$$\begin{aligned}(4c+1)(-4c-3) \\ = -16c^2 - 16c - 3\end{aligned}$$

$$\begin{aligned}(-2b+5)(-2b-5) \\ = 4b^2 - 25\end{aligned}$$

$$\begin{aligned}(-y-4)(-5y-1) \\ = 5y^2 + 21y + 4\end{aligned}$$

$$\begin{aligned}(-2w-3)(-w-5) \\ = 2w^2 + 13w + 15\end{aligned}$$

$$\begin{aligned}(4x+2)(4x-2) \\ = 16x^2 - 4\end{aligned}$$

$$\begin{aligned}(-5t-3)(-5t-5) \\ = 25t^2 + 40t + 15\end{aligned}$$