

Distributive Property (F)

Use the distributive property to simply each expression.

$$-2x(3x - 8)$$

$$3y(6y - 4)$$

$$-9w(6 - w)$$

$$3r(5r - 8)$$

$$8x(-6 - 5x)$$

$$-2a(2 - 9a)$$

$$-9x(9 + x)$$

$$-2n(3n + 6)$$

$$-8z(8 + 3z)$$

$$k(3k + 5)$$

$$-9r(-5 + 6r)$$

$$8q(-2 + 8q)$$

$$-2x(2x - 6)$$

$$-d(-4d - 4)$$

$$-8v(-3 - 5v)$$

$$2r(-1 + 5r)$$

$$-2t(-2 + 6t)$$

$$-t(7t - 7)$$

$$-5z(5 - 3z)$$

$$-3j(-5 - j)$$

Distributive Property (F) Answers

Use the distributive property to simply each expression.

$$\begin{aligned} & -2x(3x - 8) \\ & -6x^2 + 16x \end{aligned}$$

$$\begin{aligned} & 3y(6y - 4) \\ & 18y^2 - 12y \end{aligned}$$

$$\begin{aligned} & -9w(6 - w) \\ & 9w^2 - 54w \end{aligned}$$

$$\begin{aligned} & 3r(5r - 8) \\ & 15r^2 - 24r \end{aligned}$$

$$\begin{aligned} & 8x(-6 - 5x) \\ & -40x^2 - 48x \end{aligned}$$

$$\begin{aligned} & -2a(2 - 9a) \\ & 18a^2 - 4a \end{aligned}$$

$$\begin{aligned} & -9x(9 + x) \\ & -9x^2 - 81x \end{aligned}$$

$$\begin{aligned} & -2n(3n + 6) \\ & -6n^2 - 12n \end{aligned}$$

$$\begin{aligned} & -8z(8 + 3z) \\ & -24z^2 - 64z \end{aligned}$$

$$\begin{aligned} & k(3k + 5) \\ & 3k^2 + 5k \end{aligned}$$

$$\begin{aligned} & -9r(-5 + 6r) \\ & -54r^2 + 45r \end{aligned}$$

$$\begin{aligned} & 8q(-2 + 8q) \\ & 64q^2 - 16q \end{aligned}$$

$$\begin{aligned} & -2x(2x - 6) \\ & -4x^2 + 12x \end{aligned}$$

$$\begin{aligned} & -d(-4d - 4) \\ & 4d^2 + 4d \end{aligned}$$

$$\begin{aligned} & -8v(-3 - 5v) \\ & 40v^2 + 24v \end{aligned}$$

$$\begin{aligned} & 2r(-1 + 5r) \\ & 10r^2 - 2r \end{aligned}$$

$$\begin{aligned} & -2t(-2 + 6t) \\ & -12t^2 + 4t \end{aligned}$$

$$\begin{aligned} & -t(7t - 7) \\ & -7t^2 + 7t \end{aligned}$$

$$\begin{aligned} & -5z(5 - 3z) \\ & 15z^2 - 25z \end{aligned}$$

$$\begin{aligned} & -3j(-5 - j) \\ & 3j^2 + 15j \end{aligned}$$