

$$\begin{array}{r} 3678 \\ \times 428 \\ \hline \end{array}$$

8.3 Multiply Polynomials

rom
video

$$(x+2)(2x-3)$$

$$2x^2 \quad \boxed{-3x} \quad \boxed{+4x} \quad -6$$

$$\boxed{2x^2 + x - 6}$$

Examples

$$(x-2)(3x+4)$$

$$3x^2 + 4x - 6x - 8$$

$$3x^2 - 2x - 8$$

$$(2y-5)(y-6)$$

