

Algebra /

Multiplying binomials with negative coefficients

$$(-3x + 8)(-4x - 5)$$

FOIL

F	O	I	L
$-3x(-4x)$	$-3x(-5)$	$8(-4x)$	$8(-5)$
$12x^2$	$+15x$	$-32x$	-40

$$12x^2 - 17x - 40$$