

Quadratic Expressions

Work in pairs for this task.

Expand the following pairs of brackets and match them to the correct answer.

Where there is no answer, you have to write down the brackets you think work.

(a) $(x + 6)(x + 2)$

(b)

(c) $(x + 7)(x - 3)$

(d) $(x - 8)(x + 5)$

(e) $(x + 9)(x - 6)$

(f)

(g) $(x - 8)(x + 4)$

(h) $(x - 7)(x + 9)$

(i)

(j) $(x - 6)(x + 4)$

A $x^2 - 3x - 40$

B $x^2 - 2x - 24$

C $x^2 + 3x - 54$

D $x^2 + 8x + 12$

E $x^2 - 4x - 32$

F $x^2 + 7x + 12$

G $x^2 + 2x - 63$

H $x^2 - 5x + 6$

I $x^2 - 10x + 21$

J $x^2 + 4x - 21$