

Factorising expressions I

This task is about factorising algebraic expressions.

$x^2 + 9x + 18$ can be factorised to

- a) (A) $(x + 9)(x + 2)$
(B) $(x - 6)(x + 3)$
(C) $(x + 6)(x + 3)$
(D) $(x - 6)(x - 3)$

$x^2 + 5x + 4$ can be factorised to

- b) (A) $(x + 5)(x + 1)$
(B) $(x + 4)(x + 1)$
(C) $(x + 5)(x - 1)$
(D) $(x + 4)(x - 1)$

$x^2 + x - 12$ can be factorised to

- c) (A) $(x - 4)(x + 3)$
(B) $(x + 6)(x - 2)$
(C) $(x + 4)(x - 3)$
(D) $(x - 6)(x - 2)$

$x^2 - 9x + 20$ can be factorised to

- d) (A) $(x - 4)(x - 5)$
(B) $(x - 10)(x - 2)$
(C) $(x - 5)(x + 4)$
(D) $(x - 10)(x + 2)$

$x^2 - 10x + 21$ can be factorised to

- e) (A) $(x + 7)(x - 3)$
(B) $(x - 7)(x + 3)$
(C) $(x + 7)(x + 3)$
(D) $(x - 7)(x - 3)$

$x^2 - 2x - 24$ can be factorised to

- f) (A) $(x + 4)(x - 6)$
(B) $(x - 4)(x + 6)$
(C) $(x - 6)(x - 4)$
(D) $(x + 4)(x + 6)$