



FACTORISING LETTER FACTORS

Ref: G226. **4F2**

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|---|---|--|--|
| A1 Factorise: $x^2 + 2x$ | A2 Factorise: $x^2 - 5x$ | A3 Factorise: $w^2 + 3w$ | A4 Factorise: $y^2 - 8y$ |
| B1 Factorise: $x^2 + xy$ | B2 Factorise: $x^2 - wx$ | B3 Factorise: $w^2 - wx$ | B4 Factorise: $4w - w^2$ |
| C1 Factorise: $6x + xy$ | C2 Factorise: $3y + xy$ | C3 Factorise: $wy - xy$ | C4 Factorise: $wx + xy$ |
| D1 Factorise: $x^2 + xy + 7x$ | D2 Factorise: $w^2 + wx - 4w$ | D3 Factorise: $wx + xy - 5x$ | D4 Factorise: $y^2 - xy + wy$ |
| E1 Factorise: $3x^2 + 5x$ | E2 Factorise: $5xy + 2wy$ | E3 Factorise: $2x^2 - 7xy$ | E4 Factorise: $6wx - 5wy + 2w$ |



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| | | | |
|--|--|---|--|
| A1 Factorise: $x^2 + 2x = x(x + 2)$ | A2 Factorise: $x^2 - 5x = x(x - 5)$ | A3 Factorise: $w^2 + 3w = w(w + 3)$ | A4 Factorise: $y^2 - 8y = y(y - 8)$ |
| B1 Factorise: $x^2 + xy = x(x + y)$ | B2 Factorise: $x^2 - wx = x(x - w)$ | B3 Factorise: $w^2 - wx = w(w - x)$ | B4 Factorise: $4w - w^2 = w(4 - w)$ |
| C1 Factorise: $6x + xy = x(6 + y)$ | C2 Factorise: $3y + xy = y(3 + x)$ | C3 Factorise: $wy - xy = y(w - x)$ | C4 Factorise: $wx + xy = x(w + y)$ |
| D1 Factorise: $x^2 + xy + 7x = x(x + y + 7)$ | D2 Factorise: $w^2 + wx - 4w = w(w + x - 4)$ | D3 Factorise: $wx + xy - 5x = x(w + y - 5)$ | D4 Factorise: $y^2 - xy + wy = y(y - x + w)$ |
| E1 Factorise: $3x^2 + 5x = x(3x + 5)$ | E2 Factorise: $5xy + 2wy = y(5x + 2w)$ | E3 Factorise: $2x^2 - 7xy = x(2x - 7y)$ | E4 Factorise: $6wx - 5wy + 2w$ $= w(6x - 5y + 2)$ |