

Mixed Factorising Quadratics

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|-------------------------------|-------------------------------|-------------------------------|-----------------------------|-------------------------------|--------------------------------|
| (a) | (b) | (c) | (d) | (e) | (f) |
| Factorise $x^2 - 4x$ | Factorise $x^2 - 4x + 3$ | Factorise $x^2 - 4$ | Factorise $x^2 - 4x + 4$ | Factorise $2x^2 - 4x$ | Factorise $2x^2 - 5x + 3$ |
| (g) | (h) | (i) | (j) | (k) | (l) |
| Factorise $2x^2 - 8$ | Factorise $2x^2 - 15x - 8$ | Factorise $x^2 - 15x - 16$ | Factorise $x^2 - 16$ | Factorise $x^2 + 10x + 16$ | Factorise $x^2 + 10x$ |
| (m) | (n) | (o) | (p) | (q) | (r) |
| Factorise $6x^2 - 10x$ | Factorise $6x^2 - 11x + 3$ | Factorise $6x^2 + 29x - 5$ | Factorise $6x^2 - 24$ | Factorise $x^2 + 5x - 24$ | Factorise $5x^2 + 26x - 24$ |
| (s) | (t) | (u) | (v) | (w) | (x) |
| Factorise $x^2 + 26x - 56$ | Factorise $2x^2 + 6x - 56$ | Factorise $2x^2 + 6x$ | Factorise $2x^2 - 50$ | Factorise $x^2 - 5x - 50$ | Factorise $8x^2 - 9x - 50$ |