

Factorisation

Factorise each of the following:

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| 1) $8x + 12y$ | 2) $12x - 30y$ | 3) $9a + 12b - 15c$ | 4) $14p + 21q + 7$ |
| 5) $ab + 5ac$ | 6) $6xy - 9xz$ | 7) $8pq - 12pr + 4p$ | 8) $x^2 + 3xy$ |
| 9) $4p^2 - 8pq$ | 10) $6a^2 - 10ab$ | 11) $8x^2 - 12xy + 4xz$ | 12) $10x^2 + 5x$ |
| 13) $x^2y - 5xy^2$ | 14) $10a^2b - 15ab^2$ | 15) $8a^2bc - 6ab^2c$ | 16) $p^2q^3 + p^3q^2$ |
| 17) $9abc - 15bcd$ | 18) $6x^3 - 10x^2 + 4x$ | 19) $10ab + 15ac - 5a$ | 20) $x^4 - 5x^3 + 7x^2$ |

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