

## Algebra lesson 5: Factorising quiz answers

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5:43 PM

Factorise the following:

1.  $8x + 16 = 8(x + 2)$

2.  $18 - 27x = 9(2 - 3x)$

3.  $3x^2 + 12x = 3x(x + 4)$

4.  $8xy + 12y^2 = 4y(2x + 3y)$

5.  $5a + 15ab = 5a(1 + 3b)$

6.  $12j^2k - 6jk^2 = 6jk(2j - k)$

7.  $2x - 4xy + 6xy^2 = 2x(1 - 2y + 3y^2)$

8.  $-24pq^2 + 12p^3r = -12p(2q^2 - p^2r)$