

Name:

Level 2 Further Maths

Factorising



Corbettmaths

Ensure you have: Pencil or pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Revision for this topic

www.corbettmaths.com/more/further-maths/



1. Factorise $9y^2 - 7y$

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(1)

2. Factorise fully $8x^3 + 6x^2$

.....
(1)

3. Factorise fully $9abc - 27bcd$

.....
(1)

4. Factorise fully $8ab^2 + 12a^2b - 24b^3c^2$

.....
(2)

5. Factorise fully $15xy^3z + 20x^2y^4z$

.....
(2)

6. Factorise fully $7a^5b^2 - 4a^4b^3 + 9a^6b$

.....
(2)

7. Factorise fully $(x + 5)^4 + (x + 5)^3$

Do not attempt to expand brackets.

.....
(2)

8. Factorise fully $(y + 2)^7 - (y + 2)^6$

Do not attempt to expand brackets.

.....
(2)

9. Factorise fully $6(x + 1)^4 + 8(x + 1)^3$

Do not attempt to expand brackets.

.....
(3)

10. Factorise fully $(x + 9)^7 + (x + 9)^6(2x - 1)$

Do not attempt to expand brackets.

.....
(3)

11. Factorise fully $(y + 2)^4 - (y + 2)^3(y - 1)$

Do not attempt to expand brackets.

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(3)