

Algebra I Practice A.SSE.A.2: Factoring Polynomials 1

www.jmap.org

NAME: _____

Factor:

1. $x^2 - 6x - 27$
2. $x^2 - 7x - 18$
3. $x^2 - 3x - 18$
4. $x^2 + x - 20$
5. $x^2 + 4x - 12$
6. $x^2 - 5x - 14$
7. $x^2 - 2x - 8$
8. $x^2 - 4x - 21$
9. $x^2 + 7x - 18$
10. $x^2 - x - 30$
11. $x^2 - 11x + 18$
[A] $(x - 9)(x - 2)$ [B] $(x + 9)(x - 2)$
[C] $(x - 9)(x + 2)$ [D] $(x + 9)(x + 2)$
12. $x^2 + 9x + 14$
[A] $(x + 2)(x + 7)$ [B] $(x - 2)(x + 7)$
[C] $(x + 2)(x - 7)$ [D] $(x - 2)(x - 7)$
13. $x^2 - 8x + 15$
[A] $(x - 3)(x - 5)$ [B] $(x + 3)(x - 5)$
[C] $(x - 3)(x + 5)$ [D] $(x + 3)(x + 5)$
14. $x^2 - 17x + 72$
[A] $(x - 8)(x + 9)$ [B] $(x + 8)(x + 9)$
[C] $(x - 8)(x - 9)$ [D] $(x + 8)(x - 9)$
15. $x^2 + 14x + 48$
[A] $(x + 6)(x + 8)$ [B] $(x - 6)(x - 8)$
[C] $(x - 6)(x + 8)$ [D] $(x + 6)(x - 8)$
16. $x^2 - 6x + 5$
[A] $(x - 5)(x + 1)$ [B] $(x + 5)(x + 1)$
[C] $(x - 5)(x - 1)$ [D] $(x + 5)(x - 1)$

Algebra I Practice A.SSE.A.2: Factoring Polynomials 1

www.jmap.org

[1] $(x-9)(x+3)$ _____

[2] $(x+2)(x-9)$ _____

[3] $(x+3)(x-6)$ _____

[4] $(x-4)(x+5)$ _____

[5] $(x+6)(x-2)$ _____

[6] $(x+2)(x-7)$ _____

[7] (