

Multiplying Binomials
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Use the FOIL method to multiply the binomials.

Answer

1. $(a+1)(a+5)$

1. $a^2 + 6a + 5$

2. $(b+3)(b+9)$

2. $b^2 + 12b + 27$

3. $(c-6)(c-2)$

3. $c^2 - 8c + 12$

4. $(d-2)(d-2)$

4. $d^2 - 4d + 4$

5. $(f+6)(f-3)$

5. $f^2 + 3f - 18$

6. $(g-5)(g+2)$

6. $g^2 - 3g - 10$

7. $(h-7)(h+7)$

7. $h^2 - 49$

8. $(j+4)(j-4)$

8. $j^2 - 16$

9. $(3a+1)(2a+5)$

9. $6a^2 + 17a + 5$

10. $(2b+7)(b+5)$

10. $2b^2 + 17b + 35$

11. $(7c-3)(4c-5)$

11. $28c^2 - 47c + 15$

12. $(2d-5)(6d-1)$

12. $12d^2 - 32d + 5$

13. $(3f+2)(5f-1)$

13. $15f^2 + 7f - 2$

14. $(6g+5)(2g-5)$

14. $12g^2 - 20g - 25$

15. $(7h-5)(7h+5)$

15. $49h^2 - 25$