

Section 5.4 Focus Exercise Answers

The answers may be in a different order (because of the Commutative Property). For example, the answer to #1 could also be written $(x + 2)(4x + 3)$.

1. $(4x + 3)(x + 2)$

2. $(2x - 3)(x - 3)$

3. $(5x + 2)(2x + 1)$

4. $(x - 6)(x - 6)$ or $(x - 6)^2$

5. $(2x + 7)(2x + 1)$

6. $(3x - 1)(2x - 5)$

7. $(5x - 3)(x - 3)$

8. $(6x - 5)(2x - 1)$

9. $(3x + 5)(2x - 1)$

10. $(4x - 1)(2x + 3)$

11. $(5x + 4)(2x - 1)$

12. $(5x + 3)(3x - 1)$

13. $(6x - 5)(2x + 1)$

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

15. $(x - 12)(x + 3)$

16. $(x - 8)(x + 4)$

17. Not factorable

18. $(x - 9)(x - 3)$

19. $(2x + 3)(2x + 3)$ or $(2x + 3)^2$

20. $(3x + 4)(x - 5)$