

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