Algebra I Worksheet #4 Unit 11   Selected Solutions

Perform the indicated operations.

4. $(x - 2)(7x - 3) = $ _ $7x^2 - 17x + 6$ _

8. $(7x - 8)(2x - 1) = $ _ $14x^2 - 23x + 8$ _

Factor each of the following.

12. $5x^2 - 19x + 12 = $ _ $(5x - 4)(x - 3)$ _

16. $9x^2 - 91x + 10 = $ _ $(9x - 1)(x - 10)$ _

20. $12x^2 + 5x - 72 = $ _ $(4x - 9)(3x + 8)$ _

24. $2x^2 - x - 6 = $ _ $(2x + 3)(x - 2)$ _