

Factoring with an "a" Value

Factor each completely.

1) $7r^2 + 15r + 2$

2) $2x^2 + 7x - 49$

3) $7x^2 + 3x - 10$

4) $2b^2 - 17b + 30$

5) $7a^2 + 12a - 4$

6) $2n^2 + 7n$

7) $2n^2 + 21n + 49$

8) $7m^2 + 2m - 5$

$$9) 3x^2 + x - 10$$

$$10) 7k^2 - 12k - 4$$

$$11) 9v^2 - 3v - 30$$

$$12) 6k^2 - 14k + 8$$

$$13) 6m^2 - 8m - 8$$

$$14) 15p^2 + 72p + 48$$