Factoring Practice Page Level 1

Use blank factoring pages as needed.
Watch for GCF <u>before</u> factoring. First two are marked with a *

1. $x^2 + 7x + 6$

Answer: _____

*2. $3x^2 + 24x + 36$

Answer: _____

3. $x^2 + 11x + 24$

Answer: _____

4. $m^2 + 8m + 15$

Answer: _____

*5. $x^3 - 5x^2 + 6x$

Answer: _____

6. $r^2 - 8r + 12$

Answer: _____

7. $x^2 + 9xy + 18y^2$

Answer: _____

8. $2x^2 - 12x + 16$

Answer: _____

9. $n^2 + n - 6$

Answer: _____

10. $a^2b - 11ab - 12b$

Answer: _____

11. $x^2 + 4x - 45$

Answer: _____

12. $p^2 - 2pq - 35q^2$

Answer: _____

13. $t^2 + 12t + 27$

Answer: _____

14. $2x^2y - 12xy + 16y$

Answer: _____

15. $x^2 - 4x - 32$

Answer: _____

16. $k^2 + 5k - 36$

Answer: _____

17. $a^2 + 14ab + 33b^2$

Answer: _____

18. $x^2 + 10x - 24$

Answer: _____

Trinomial Practice Page Level 1
Answers

1. $(x + 6)(x + 1)$

2. $3(x + 6)(x + 2)$ factor out a GCF of 3 first

3. $(x + 3)(x + 8)$

4. $(m + 3)(m + 5)$

5. $x(x - 2)(x - 3)$ factor out a GCF of x first

6. $(r - 6)(r - 2)$

7. $(x + 6y)(x + 3y)$ treat 2 variables just like one. Include both in your factors

8. $2(x - 2)(x - 4)$ factor out a GCF of 2 first

9. $(n - 2)(n + 3)$

10. $b(a - 12)(a + 1)$ factor out a GCF of b first

11. $(x + 9)(x - 5)$

12. $(p - 7q)(p + 5q)$ treat 2 variables just like one. Include both in your factors.

13. $(t + 9)(t + 3)$

14. $2y(x - 4)(x - 2)$ factor out a GCF of $2y$ first

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

16. $(k - 4)(k + 9)$

17. $(a + 11b)(a + 3b)$ treat 2 variable just like one. Include both in your factors

18. $(x - 2)(x + 12)$