

ax^2+bx+c WS #1

You Are: _____

#1-12, Factor each trinomial.

1. $2a^2 + 9a + 10$

2. $5b^2 + 11b + 2$

3. $c^2 + 10c - 24$

4. $5d^2 + 9d - 6$

5. $15e^2 + 4e - 3$

6. $-4f^2 - 16f + 9$

7. $9g^2 + 18g + 9$

8. $3h^2 - h - 4$

9. $4j^2 - 17j + 15$

10. $k^2 + 9k - 10$

11. $-4m^2 - 4m + 15$

12. $6n^2 - 13n + 6$

#13-15, Factor completely, Use all the steps of factoring (i.e. try to find a GCF first)

13. $4p^2 + 16p + 16$

14. $20q^3 + 62q^2 + 30q$

15. $15r^3 + 45r^2 + r + 3$