

Factoring Quads Where "A" DOES NOT = 1

Date _____ Period _____

Factor each completely.

1) $5b^2 + 2b - 7$

2) $3v^2 - 17v + 10$

3) $2m^2 + 7m - 15$

4) $2x^2 - 7x - 15$

5) $3a^2 + 16a + 5$

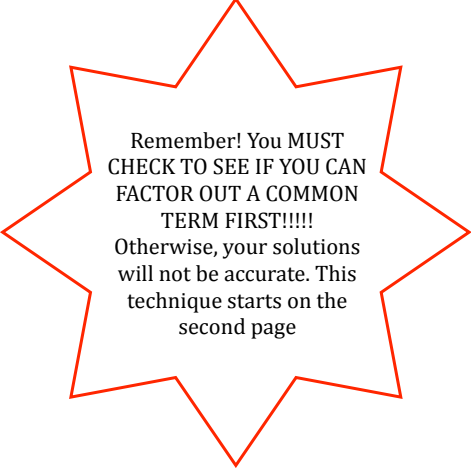
6) $3x^2 - 19x + 20$

7) $3b^2 + 10b + 8$

8) $3m^2 - 2m - 1$

9) $2n^2 + 5n - 25$

10) $5n^2 + 4n - 12$



Remember! You MUST
CHECK TO SEE IF YOU CAN
FACTOR OUT A COMMON
TERM FIRST!!!!
Otherwise, your solutions
will not be accurate. This
technique starts on the
second page

11) $24v^2 + 20v - 24$

12) $8v^2 + 14v - 4$

13) $8x^2 - 24x + 10$

14) $12r^2 + 10r + 2$

15) $18n^2 + 33n + 12$

16) $8b^2 + 22b + 12$

17) $12x^2 - 12x - 45$

18) $8x^2 - 42x + 40$

19) $12x^2 + 2x - 4$

20) $8v^2 - 16v + 6$