

8.2 Factoring Review

Factor AND Solve each completely. a=1.

1) $n^2 - 8n$

2) $n^2 - 6n$

3) $m^2 - 2m - 80$

4) $n^2 - 9n + 8$

5) $x^2 + 8x + 7$

6) $k^2 - 4k$

Factor AND Solve each completely. Hint: First factor out the GCF.

7) $5n^2 - 65n + 150$

8) $6n^2 + 72n + 120$

9) $3m^2 + 18m - 120$

10) $5x^2 + 35x - 90$

Factor AND Solve each completely. a not 1. Check if you can pull out a GCF first!!

11) $3x^2 + 10x + 8$

12) $5x^2 - 7x - 6$

13) $5v^2 - 14v - 3$

14) $3x^2 + 7x + 4$

15) $4a^2 - 10a$

16) $5x^2 - 18x - 8$

17) $5n^2 + 12n - 9$

18) $4n^2 - 14n + 10$