



Factoring Quadratics 1

Factor completely.

Ex. 1 $-32x + 2x^3$
 $2x^3 - 32x$
 $2x(x^2 - 16)$
 $2x(x + 4)(x - 4)$

Ex. 2 $x^2 - 11x + 18$
 $(x - 2)(x - 9)$

Ex. 3 $x^2 + 2x - 15$
 $(x - 3)(x + 5)$

Video of examples:



1. $m^2 + 11m + 24$

6. $b^2 - b - 20$

2. $x^2 + 3x - 4$

7. $6 + y - y^2$

3. $a^2 - 121$

8. $n^2 + 12n + 36$

4. $z^2 - 12z - 64$

9. $2m^2 - 10m - 28$

5. $n^2 - 3n + 4$

10. $5a^3 - 45$