

Advanced Math Solving Polynomial Equations by Factoring
 Tuesday Aug. 28, 2012

Solve the following quadratic equations by factoring.

1) *Set your equation equal to 0.*

2) *Look for any GCF first.*

Answers

3. $x = \frac{-2}{3}, \frac{19}{2}$	2.
5. $x = \frac{-3}{4}, \frac{5}{6}$	4.
7. $x = 5, 6$	6.
9. $x = \frac{29}{2}, -5$	8.
11. $x = \frac{-4}{5}, \frac{-7}{8}$	10.
13. $x = \frac{-7}{2}, \frac{-2}{11}$	
15. $x = -15, -13$	
17. $x = \frac{11}{9}, \frac{-9}{7}$	
19. $x = \frac{-13}{3}, \frac{7}{2}$	
21. $x = \frac{5}{2}, \frac{11}{2}$	
23. $x = \frac{-1}{3}, \frac{1}{5}$	
25. $x = -14, 3$	
27. Non Real Solution	
29. $x = \frac{-1}{2}, \frac{-15}{2}$	
31. $x = \frac{-1}{14}, -14$	
33. $x = \frac{4}{7}, \frac{-8}{9}$	