




QR
Code
Math

Solving Equations
By
Factoring

By
Gowen Notes
2012

Solve each equation. Show your work and record your answer. Use QR Code to check answers.

Problem 1	Problem 2	Problem 3	Problem 4	Ans code for 1-4 
$x^2 + 13x + 36 = 0$	$x^2 + 17x + 72 = 0$	$3x^2 + 16x - 35 = 0$	$x^2 + 2x - 35 = 0$	
Work:	Work:	Work:	Work:	
Answer:	Answer:	Answer:	Answer:	
Problem 5	Problem 6	Problem 7	Problem 8	Ans code for 5-8 
$2x^2 + 7x - 15 = 0$	$x^2 - 8x - 33 = 0$	$2x^2 + 12x + 18 = 0$	$3x^2 + 22x + 7 = 0$	
Work:	Work:	Work:	Work:	
Answer:	Answer:	Answer:	Answer:	
Problem 9	Problem 10	Problem 11	Problem 12	Ans Code for 9-12 
$x^2 - 8x + 15 = 0$	$6x^2 + 11x + 4 = 0$	$x^2 + 4x - 12 = 0$	$8x^2 + 33x + 4 = 0$	
Work:	Work:	Work:	Work:	
Answer:	Answer:	Answer:	Answer:	

Answer Key QR Math

Solving Step Equations By Factoring Worksheet

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|-----------------------|-------------------------------------|------------------------|-------------------------|
| 1) -9, -4 | 2) -9, -8 | 3) -7, $\frac{5}{3}$ | 4) -7, 5 |
| 5) $\frac{3}{2}$, -5 | 6) -3, 11 | 7) $-\frac{3}{2}$, -6 | 8) $-\frac{1}{3}$, -7 |
| 9) 3, 5 | 10) $-\frac{4}{3}$, $-\frac{1}{2}$ | 11) -6, 2 | 12) $-\frac{1}{8}$, -4 |