



Quadratic Formula Worksheet

- | | | | |
|----|------------------------|-----|--------------------------|
| 1. | $2x^2 + 8x + -24 = 0$ | 2. | $-3x^2 + 42x + -144 = 0$ |
| 3. | $5x^2 + 80x + 315 = 0$ | 4. | $-1x^2 + 9x + 0 = 0$ |
| 5. | $1x^2 + 12x + 32 = 0$ | 6. | $-2x^2 + 0x + 8 = 0$ |
| 7. | $2x^2 + 32x + 120 = 0$ | 8. | $-2x^2 + 6x + -40 = 0$ |
| 9. | $1x^2 + 5x + 6 = 0$ | 10. | $3x^2 + 14x + 45 = 0$ |



Quadratic Formula Worksheet

Answer Key

- | | | | |
|----|-------------------|-----|----------------------|
| 1. | $x = -6, x = 2$ | 2. | $x = 8, x = 6$ |
| 3. | $x = -9, x = -7$ | 4. | $x = 9, x = 0$ |
| 5. | $x = -8, x = -4$ | 6. | $x = -2, x = 2$ |
| 7. | $x = -6, x = -10$ | 8. | <i>No real roots</i> |
| 9. | $x = -2, x = -3$ | 10. | <i>No real roots</i> |