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|  | Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Algebra Practice Problems - ANSWERS  | Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 1)   x2 - 4x + 3 = 0   **answer:** x = 1 and 3 | 2)   x2 - 16x + 63 = 0   **answer:** x = 9 and 7 |
| 3)   x2 - 5x - 14 = 0   **answer:** x = 7 and -2 | 4)   x2 - x - 30 = 0   **answer:** x = -5 and 6 |
| 5)   x2 + 4x - 77 = 0   **answer:** x = 7 and -11 | 6)   x2 + 8x + 0 = 0   **answer:** x = 0 and -8 |
| 7)   x2 + 4x - 12 = 0   **answer:** x = -6 and 2 | 8)   x2 - 20x + 96 = 0   **answer:** x = 8 and 12 |
| 9)   x2 - 2x + 0 = 0   **answer:** x = 0 and 2 | 10)   x2 - 10x + 9 = 0   **answer:** x = 9 and 1 |
| 11)   x2 - 6x + 0 = 0   **answer:** x = 0 and 6 | 12)   x2 + 11x - 12 = 0   **answer:** x = -12 and 1 |
| 13)   x2 - 7x - 60 = 0   **answer:** x = -5 and 12 | 14)   x2 + 8x + 0 = 0   **answer:** x = 0 and -8 |
| 15)   x2 - 9x + 20 = 0   **answer:** x = 4 and 5 | 16)   x2 - 2x + 0 = 0   **answer:** x = 2 and 0 |
| 17)   x2 - 12x + 20 = 0   **answer:** x = 10 and 2 | 18)   x2 - 11x + 18 = 0   **answer:** x = 9 and 2 |
| 19)   x2 + 4x - 12 = 0   **answer:** x = -6 and 2 | 20)   x2 - 23x + 132 = 0   **answer:** x = 12 and 11 |