

1. Determine the value of x : $x^2 - 8x + 15 = 0$
 - a. -3, and -5
 - b. -3, and 5
 - c. 3, and 5
 - d. 3, and -5

2. Determine the value of x : $2x^2 + 3x - 2 = 0$
 - a. 2, and -1/2
 - b. -2, and 1/2
 - c. -2, and -1/2
 - d. 2, and 1/2

3. Determine the value of x : $3x^2 + x - 4 = 0$
 - a. 4/3, and -1
 - b. 4/3, and 1/2
 - c. -4/3, and -1
 - d. -4/3, and 1

4. Determine the value of x : $(x - 2)(3x + 5) = x(x - 2)$
 - a. -5/2, and 2
 - b. -2/5, and 1/2
 - c. -2/3, and -5
 - d. -5/2, and 1

5. Determine the value of x : $3x^2 + 20x - 7 = 0$
 - a. -1/3, and 7
 - b. 1/3, and -7
 - c. 1/3, and 7
 - d. -1/3, and 7

6. Determine the value of x : $x^2 - x - 20 = 0$
 - a. -5, and 4
 - b. -4, and -
 - c. 2, and 10
 - d. -4, and 5

7. Determine the value of x : $2x^2 + x - 3 = 0$
 - a. -3/2, and 1
 - b. -2/3, and -1
 - c. 1, and 3/2
 - d. -3/2, and 2

8. Determine the value of x : $x - 3 = -\frac{2}{x}$
 - a. -3/2, and 1
 - b. -2, and -1
 - c. 1, and 2
 - d. -3/2, and 2

9. Determine the value of x : $2x^2 - 7x + 3 = 0$
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| a. $1/2$, and 3 | c. $1/2$, and -3 |
| b. -3, and -1 | d. $-3/2$, and 2 |
10. Determine the value of x : $x = \frac{10}{x} + 3$
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| a. 5, and -2 | c. 5, and 2 |
| b. -5, and -2 | d. $-5/4$, and 7 |
11. Determine the value of x : $2x^2 + 5x - 7 = 0$
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| a. $7/2$, and -2 | c. $7/2$, and 1 |
| b. $-7/2$, and -2 | d. $-7/2$, and 1 |
12. Determine the value of x : $12x^2 - 7x + 1 = 0$
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| a. $1/2$, and 3 | c. $1/4$, and $1/3$ |
| b. $-1/4$, and $-1/3$ | d. $-3/2$, and 2 |
13. Determine the value of x : $x^2 + x - 12 = 0$
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| a. -3, and -4 | c. 3, and -4 |
| b. 3, and 4 | d. -3, and 4 |
14. Determine the value of x : $5x^2 - 8x + 5 = 0$
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| a. $-3/2$, and -2 | c. $2/3$, and -3 |
| b. 3, and $2/3$ | d. -3, and 4 |
15. Product of the roots of a quadratic equation $2x^2 - 4x - 6 = 0$ is...
- | | |
|-------------------|-------------------|
| a. $\pm \sqrt{9}$ | c. 3, and -1 |
| b. -3, and 3 | d. $\pm \sqrt{3}$ |