

Pre-Calculus

Use synthetic division to help find the roots of a given polynomial function.

1.  $f(x) = x^3 - 9x^2 + 23x - 15$

2.  $f(x) = x^3 - 10x^2 + 31x - 30$

3.  $f(x) = x^3 - 11x^2 + 36x - 36$

4.  $f(x) = x^3 - 13x^2 + 47x - 35$

5.  $f(x) = x^3 + 7x^2 + 14x + 8$

6.  $f(x) = x^3 + 10x^2 + 31x + 30$

7.  $f(x) = x^3 + 9x^2 + 24x + 20$

8.  $f(x) = x^3 + 11x^2 + 39x + 45$

9.  $f(x) = x^3 - 4x^2 - 5x + 20$

10.  $f(x) = x^3 + 6x^2 - 3x - 18$

11.  $f(x) = x^3 - 7x^2 - 11x + 77$

12.  $f(x) = x^3 + 5x^2 - 2x - 10$

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Pre-Calculus    8/30/2020

**Answer List**

- |     |     |     |
|-----|-----|-----|
| 1.  | 2.  | 3.  |
| 4.  | 5.  | 6.  |
| 7.  | 8.  | 9.  |
| 10. | 11. | 12. |

**Catalog List**

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|-----|-----|-----|
| 1.  | 2.  | 3.  |
| 4.  | 5.  | 6.  |
| 7.  | 8.  | 9.  |
| 10. | 11. | 12. |