



Graded Quiz Unit 3 p3

College Algebra (University of the People)

Question 5

Not yet answered

Marked out of 1.00

The graph of $f(x) = x^3 - 6x^2 + 4x + 1$ hits the x-axis how many times?

Select one:

- ☐ a. 0
- ☐ b. 1
- ☐ c. 2
- ☒ d. 3
- ☐ e. 4

[Clear my choice](#)

Question 6

Not yet answered

Marked out of 1.00

What is $f(x) = x^8 - 1$ divided by $x - 1$?

Select one:

- ☐ a. $x^2 + 1$
- ☐ b. $x^2 - 1$
- ☒ c. $x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$
- ☐ d. $x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$
- ☐ e. $x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x$

[Clear my choice](#)