MODULE 2

LESSON 1

QUIZ

1. Question. Which of the following is a true statement about the function $f(x) = -2x^2 + 5x + 3$?

A. The function is a polynomial function because the exponents are non-negative integers.

B. The function is not a polynomial function because the leading coefficient is a negative integer.

C. The function is a polynomial with $a_n = 3$.

D. The function is a polynomial with the degree $n = 3$.

Go to answer 1

2. Question. Which of the following is the degree of the polynomial function $f(x) = -2x^2 + 5x + 3$?

A. 5.

B. 2.

C. $-2$.

D. 3.

Go to answer 2

3. Question. Which of the following is the leading coefficient of the function $f(x) = -2x^2 + 5x + 3$?

A. 5.

B. 2.

C. $-2$.

D. 3.

Go to answer 3

4. Question. Which of the following is the classification of the function $f(x) = -2x^2 + 5x + 3$?

A. constant function

B. linear function

C. quadratic function

D. cubic function

Go to answer 4

5. Question. Which of the following intervals has a zero of $P(x) = 2x^3 - 5x^2 - 6x + 15$?

A. $[-3, -2]$

B. $[-2, -1]$

C. $[3, 4]$

D. $[0, 1]$

Go to answer 5

1. Answer to Question 1 is "A".
   Go back 1

2. Answer to Question 2 is "D".
   Go back 2

3. Answer to Question 3 is "C".
   Go back 3

4. Answer to Question 4 is "C".
   Go back 4

5. Answer to Question 5 is "B".
   Go back 5