

MODULE 1

LESSON 7

QUIZ

1. Question. Which of the following is the product fg of the functions $f(x) = 2x + 3$ and $g(x) = 3x^2 + x + 2$?

A. $3x^2 + 3x + 5$

B. $6x^3 + 11x^2 + 7x + 6$

C. $6x^2 + 2x + 7$

D. $12x^2 + 36x + 32$

Go to answer 1

2. Question. Which of the following is the composition gf of the functions $f(x) = 2x + 3$ and $g(x) = 3x^2 + x + 2$?

A. $12x^2 + 36x + 32$

B. $6x^2 + 2x + 7$

C. $6x^3 + 11x^2 + 7x + 6$

D. $3x^2 + 3x + 5$

Go to answer 2

3. Question. Which of the following operation was used with the functions $f(x) = 4x + 3$ and $g(x) = 5x^2 + 3$ to get the function $h(x) = 80x^2 + 120x + 48$?

A. $f + g$

B. fg

C. $g \circ f$

D. $f \circ g$

Go to answer 3

ANSWERS

1. Answer to Question 1 is "B".

Go back 1

2. Answer to Question 2 is "A".

Go back 2

3. Answer to Question 3 is "C".

Go back 3