Math 111

Connect Your Work

Quiz 5

Sections 5.4 - 6.2

Name: _____

Oct. 28, 2019

1. Factor completely.

   (a) $5x^3 - 10x^2 - 5x + 10$

   (b) $5x^3 + x^6 - 14$

Math 111

Connect Your Work

Quiz 5

Sections 5.4 - 6.2

Name: _____

Oct. 28, 2019

- OVER -

2. Solve the equation.

$(x - 1)(x + 4) = 14$

3. Perform the indicated operation, and simplify completely.

$$\frac{x + 4}{x^2 - x - 2} - \frac{2x + 3}{x^2 + 2x - 8}$$