

MATH 017 QUIZ 15 NAME: _____

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[Run: 11/03/2014 at 12:13 Seed: 6477. Order of Checkable Items: Random.]

The idea in this QUIZ is

Q_z 15-1. Identify $-3x^2 + x^{-1} - 2x^{-2} + [4x^3 - x + 3 + 2x^{-1} - 3x^{-2}]$

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices corresponds to your result.

- a. $4x^2 + 3 + 2x^{-1} - 3x^{-2}$
- b. $-3x + 1 + 2x^{-1} - 3x^{-2}$
- c. $-4x^2 + 4x - 3 + 3x^{-1} - 5x^{-2}$
- d. $4x^2 - 3 - 1x + 3 + 3x^{-1} - 5x^{-2}$
- e. None of the preceding

Q_z 15-2. Identify

$$-5x^4 - 2x^3 + 5x^2 + 4x \quad \boxminus \quad -4x^3 - x^2 + 6x + 5$$

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices corresponds to your result.

- a. $-5x^4 - 6x^3 + 4x^2 + 10x + 5$
- b. $-5x^4 + 2x^3 + 6x^2 + 10x + 5$
- c. $-5x^4 + 2x^3 + 6x^2 - 2x - 5$
- d. $-5x^4 - 6x^3 + 6x^2 + 10x - 5$
- e. None of the preceding