Calculus
F 28 February 2014

RECEIVER
PARTICIPANT LIST
RESET SESSION

QUIZ
FOLLOWS

$$6x^5 + 7x^4 - 8x^3 \underset{x \to 0}{\sim} \quad ??$$
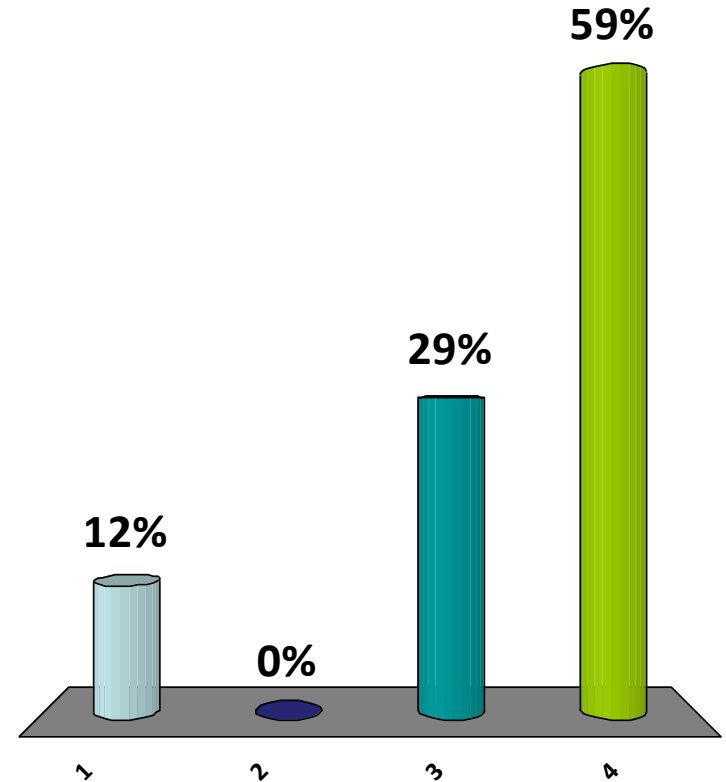
(a) $6x^5$

(b) $7x^4$

(c) $8x^3$

(d) none of the above
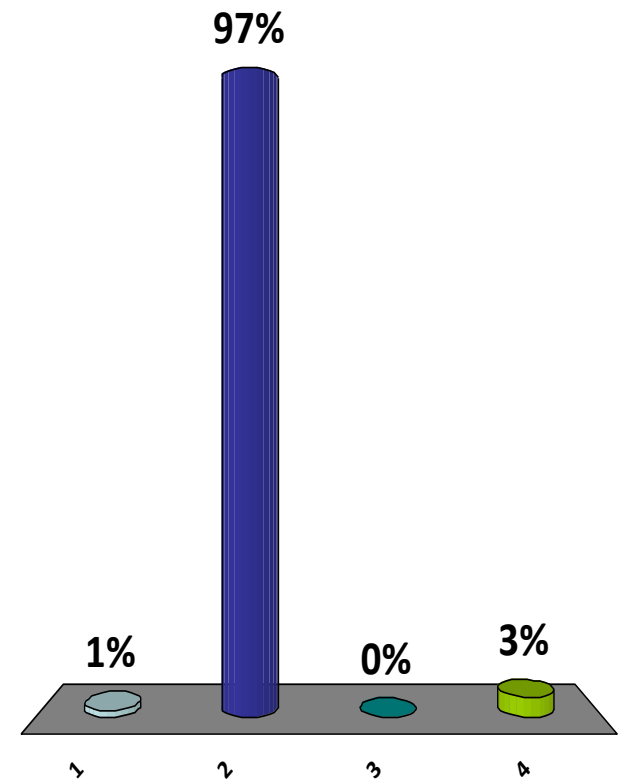
Correct answer: $-8x^3$

59%

29%

12%

0%

1   2   3   4

$$\lim_{x \to 0} \left[\frac{6x^8 + 7x^4 - 8x^3}{7x^5 - 2x^4 + 9x^3} \right] = \text{??}$$

(a) DNE

(b) $-8/9$

(c) $6/7$

(d) none of the above

97%

1%

0%

3%

1   2   3   4
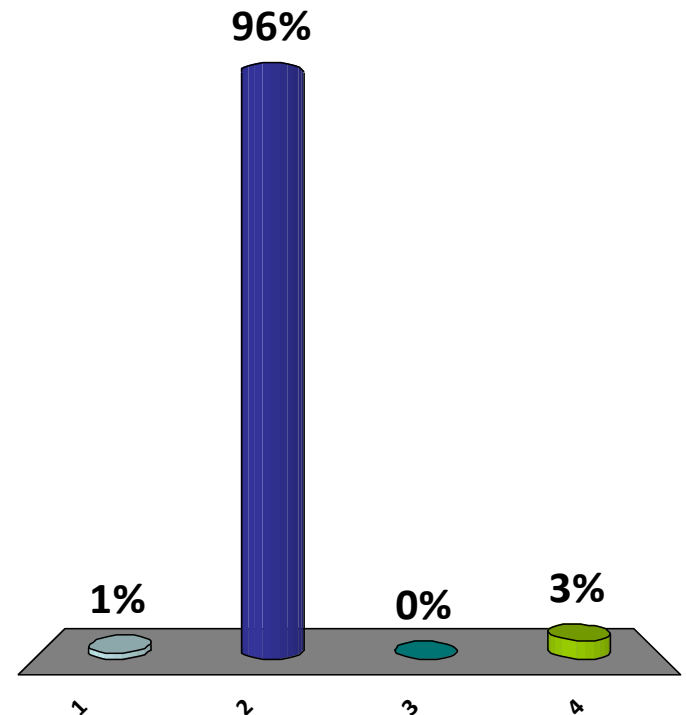
$$\lim_{x\to 0}\left[\frac{6x^5 + 7x^4 - 8x^3}{7x^5 - 2x^4 + 9x^3}\right] = ??$$

(a) DNE

(b) $-8/9$

(c) $6/7$

(d) none of the above

96%

1%

0%

3%

1   2   3   4
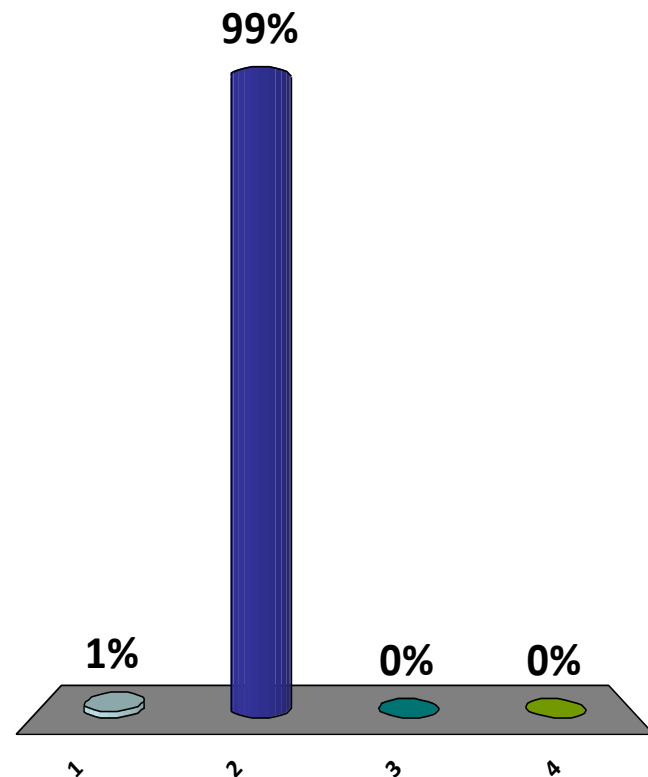
$$\lim_{x \to 0} \left[\frac{6x^5 + 7x^4 - 8x^3}{7x^6 - 2x^4 + 9x^3} \right] = \text{??}$$

(a) DNE

(b) $-8/9$

(c) $6/7$

(d) none of the above
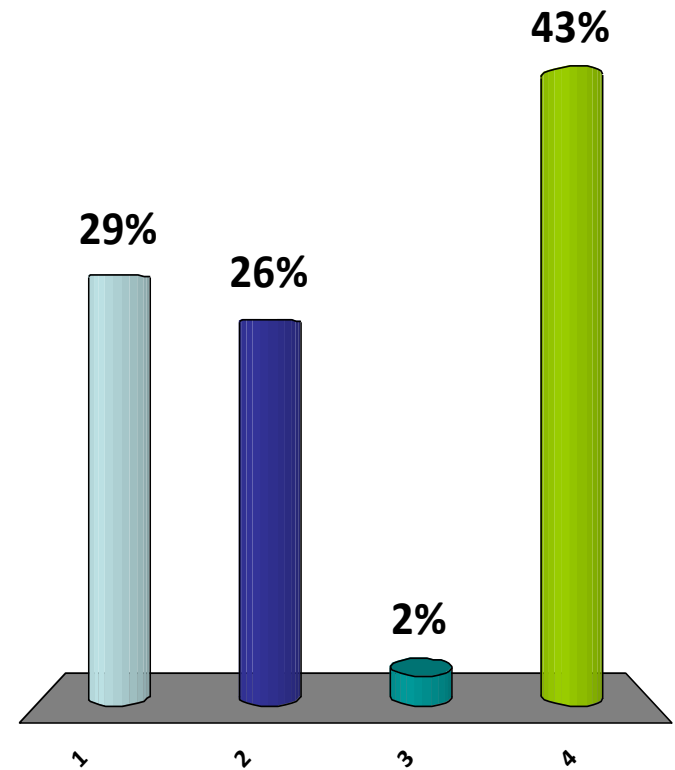
99%

1%

0%

0%

1

2

3

4

Topic 0200

20 pts

$$\lim_{x \to 0} \left[\frac{3x^4 - x^3 + 2x}{7x^4 + 5x - 1} \right] = \text{??}$$

(a) 0

(b) −2

(c) 3/7

(d) none of the above

29%

26%

2%
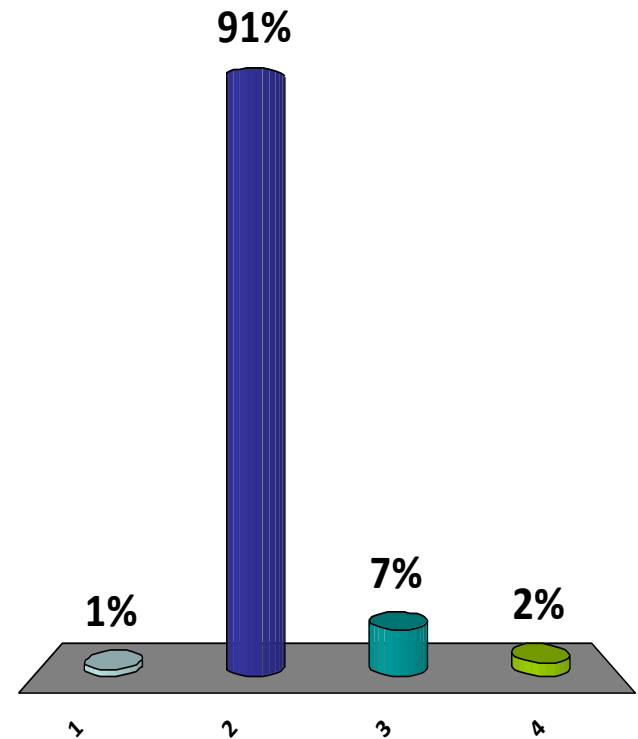
43%

1 2 3 4

$$\lim_{x \to 0} \left[\frac{3x^4 - x^3 + 2x}{7x^4 - x} \right] = \text{??}$$

(a) 3/7

(b) -2

(c) 0

(d) none of the above

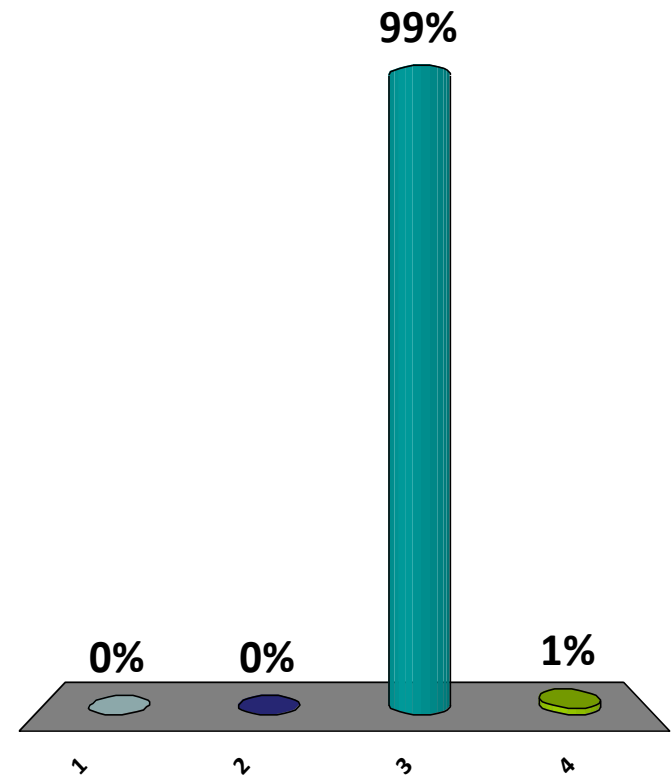91%

1%

7%

2%

1   2   3   4

Topic 0200   20 pts

$$\lim_{x \to 0} \left[\frac{4x^6 - 7x^4 + 4x}{-2x^3 + 7x^2 - 4x} \right] = ??$$

(a) -2

(b) 1

(c) -1

(d) none of the above

99%

0%   0%   1%

1   2   3   4

END
QUIZ