Calculus
M 23 September 2013
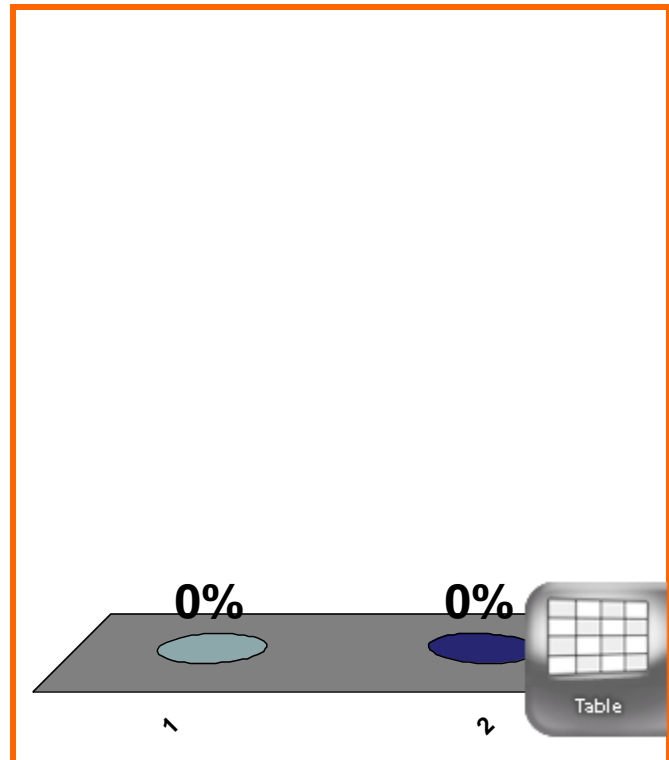
RECEIVER
PARTICIPANT LIST
RESET SESSION

QUIZ
FOLLOWS

$$1 + 1 = \text{??}$$

(a) 1

(b) 2

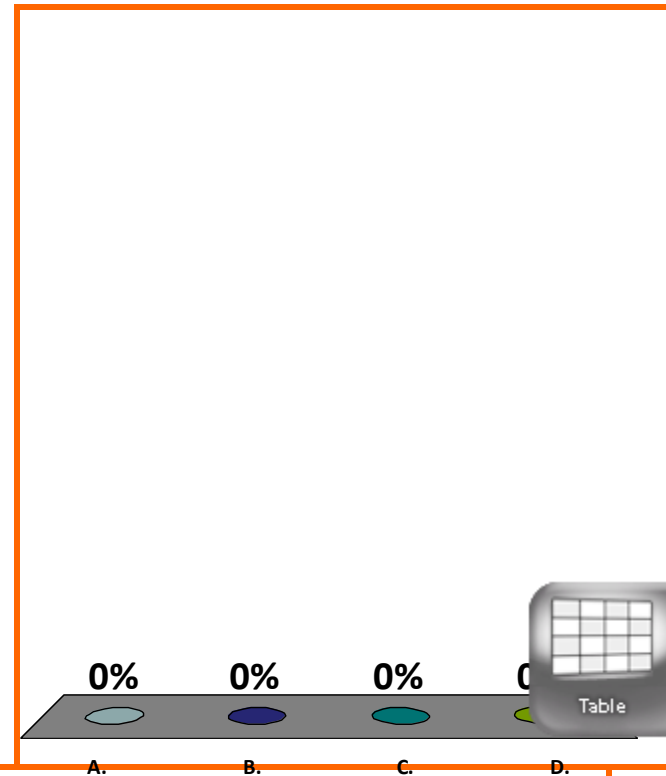0%   0%

Table

arithmetic   0 pts

$$\sin x \underset{x \to 0}{\sim} \quad ??$$

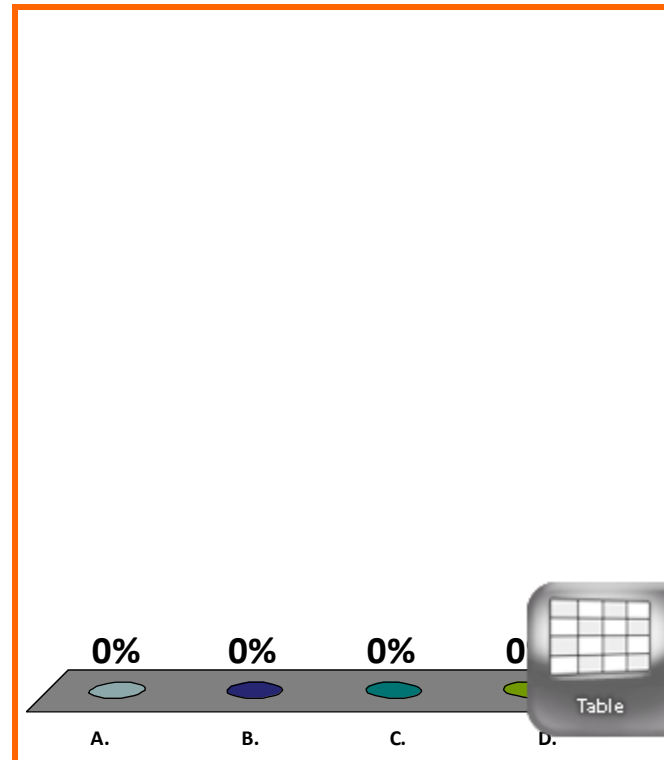(a) x

(b) $\cos x$

(c) $-\cos x$

(d) none of the above

0%   0%   0%   0
A.   B.   C.   D.

Table

$$[\sin x] - x \underset{x \to 0}{\sim} \quad ??$$

(a) $-x^3/6$

(b) 1

(c) x

(d) none of the above

0%   0%   0%   0

A.   B.   C.   D.

Table

$$\lim_{x \to 0} \frac{3x^3 + 2x}{\sin x} = ??$$

(a) 0

(b) 2

(c) 3

(d) none of the above

0%   0%   0%

A.   B.   C.   D.

Table

Topic 0230   50 pts

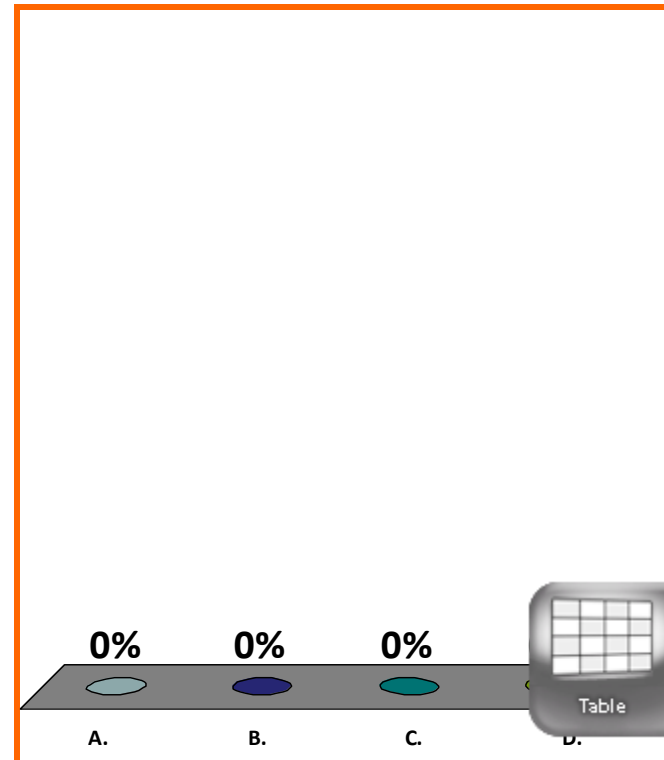$$\lim_{t \to 0} \left[\frac{2t^5 + 8t^4}{t^2(\sin^2 t)} \right]$$

(a) 0

(b) ∞

(c) $-\infty$

(d) none of the above

Correct answer: 8

0% 0% 0%

A. B. C. D.

Table

END QUIZ