

CALCULUS  
Standard notation  
NEW

0010-1. True or False (no partial credit):

NEW

$$\forall x \in \mathbb{R}, \exists a \in \mathbb{R} \\ \text{s.t. } x = a^3.$$

0010-2. True or False (no partial credit):

NEW

$[100, 200]$  is a closed interval.

0010-3. True or False (no partial credit):

NEW

$[-2, 3]$  is a compact interval.