

CALCULUS
Standard notation
OLD

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

OLD

$$\forall x \in \mathbb{Q}, \exists a, b \in \mathbb{Z}$$

$$\text{s.t. } b \neq 0$$

$$\text{and s.t. } x = a/b.$$

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

OLD

$[100, \infty)$ is a closed interval.

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

OLD

$[100, \infty)$ is a compact interval.