

**childsmath****Math 3A03**  
**Poll Results**

$$\int_M d\omega = \int_{\partial M} \omega$$

**Topology: Open covers of inverse squares****Question #1** Which of the following is an open cover of  $\{\frac{1}{n^2}\}$  ?

- (A)  $\{ (0, 1), (1, 2), (2, 4) \}$   
 (B)  $\{ (0, 1), (\frac{1}{2}, \frac{3}{2}), (1, 2) \}$   
 (C)  $\{ [0, 1] \}$   
 (D)  $\{ (0, 1] \}$

