

Calculate the margin of error for the scenario described.
Round answers to the nearest hundredth of a percent.

After taking a sample of 70 customers, an online retailer found that 65% of customers make a purchase. The survey has an 80% confidence level.

$$n = \boxed{}$$

$$\hat{p} = \boxed{}$$

$$\text{Confidence level} = \boxed{}$$

Confidence level	<input type="text"/>
Critical value (z_c)	<input type="text"/>

$$SEP = \left(\sqrt{\frac{\boxed{}(1 - \boxed{})}{\boxed{}}} \right) = \boxed{}$$

$$MOE = \pm Z_c (SEP)$$

$$\pm (\boxed{}) (\boxed{})$$

$$= \pm \boxed{}$$

$$= \pm \boxed{}$$

$$= \pm \boxed{}$$