The "find on confidence interval" problem You May see problems (eg 86 on WW#8) which cask you to solve for n in a CI setting. Here is how you do it. Start with the formula's X + Z* o Fr Les then the question always turns into Something about the ME.

Ex: for a CI problem with X=10, J=2 and 95% confidence, find n so the entire CI is no more than I wide. 9norm (0.975) $\frac{1}{2} = ME = Z^* \cdot \frac{1}{n} = 1.960 \cdot \frac{2}{n}$ 0.5. Tn = 2.1.960ALWAYS ROUND UP n = 62