



8. The entries to the Senior Mathematical Challenge grew from 87400 in 2007 to 92690 in 2008. Approximately what percentage increase does this represent?
- A 4%                      B 5%                      C 6%                      D 7%                      E 8%

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8. C The increase in entries from 2007 to 2008 is  $92\,690 - 87\,400 = 5290$ .  
Hence the percentage increase is  $\frac{5290}{87400} \times 100\% = \frac{5290}{874}\% \approx \frac{5400}{900}\% = 6\%$ .  
(The exact value is  $6\frac{1}{19}$ .)