

Question

Question ID: 882



12. Mr and Mrs Stevens were married on a Saturday in July 1948. On what day of the week did their diamond wedding anniversary fall this year?
- A Monday B Tuesday C Thursday D Friday E Saturday

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Answer

12. C There are 365 days in a normal year and 366 in a leap year. Apart from certain exceptions (none of which occurs in this period) a leap year occurs every 4 years. Now $365 = 7 \times 52 + 1$ and $366 = 7 \times 52 + 2$. Hence each date moves on by 5 days every 4 years. So in 60 years, it moves on 75 days. Since $75 = 7 \times 10 + 5$, that means it moves on to a Thursday.