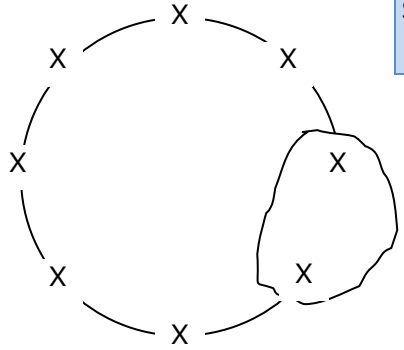


13	7	<p>A family of eight is seated randomly around a circular table. What is the probability that the two youngest members of the family sit together?</p> <p>(A) $\frac{6 \times 2!}{7!}$ (B) $\frac{6!}{7! \times 2!}$ (C) $\frac{6! \times 2!}{8!}$ (D) $\frac{6!}{8! \times 2!}$</p>	1
A		<p>8 around circular table: use $7!$...</p> <p>$\therefore \frac{6! \times 2!}{7!}$</p>	
		<p>State Mean: 0.74</p>	

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by the Board of Studies