2013 John O'Bryan Mathematical Competition

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1.	Let k be the number of distinct diagonals that can be drawn in a dodecagon. Let w be the numeric value of the average degree measure of an exterior angle of a dodecagon. Find the value of $(k+w)$.
7	I gt. A rarragant the smallest product of two rool numbers whose difference is 6. Let B represent the
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2013 John O'Bryan Mathematical Competition Answers for the Two-Person Speed Event

Note:	All answe <u>rs m</u> ji	st. <u>be writte</u> n legihl	<u>v and in sim</u> nles <u>t form</u>	Exact answers are to	he given unless
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