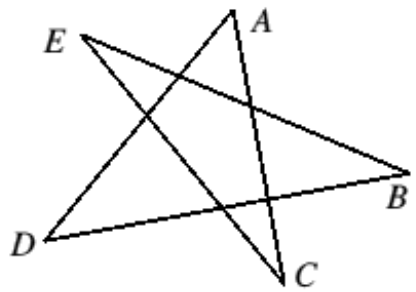




13. In the figure shown, what is the sum of the interior angles at A, B, C, D, E ?
- A 90° B 135° C 150° D 180°
E more information required.



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13. **D** Let a, b, c, d, e, x and y represent the sizes in degrees of certain angles in the figure, as shown and let the points of intersection of AD with EB and EC be X and Y respectively. Angle EXY is an exterior angle of triangle XBD so $x = b + d$. Similarly, angle EYX is an exterior angle of triangle YAC so $y = a + c$. In triangle EXY , $e + x + y = 180$, so $a + b + c + d + e = 180$.

