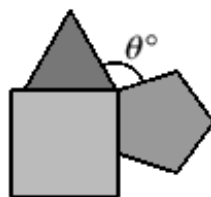




2. The diagram shows an equilateral triangle, a square and a regular pentagon which all share a common vertex. What is the value of θ ?

A 98 B 102 C 106 D 110 E 112



1272



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2. **B** The interior angles of an equilateral triangle, square, regular pentagon are 60° , 90° , 108° respectively. The sum of the angles at a point is 360° . So $\theta = 360 - (60 + 90 + 108) = 102$.