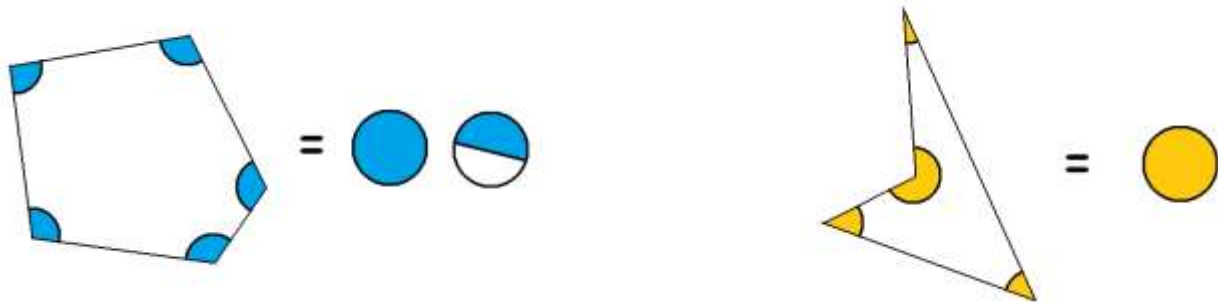


WITHOUT WORDS

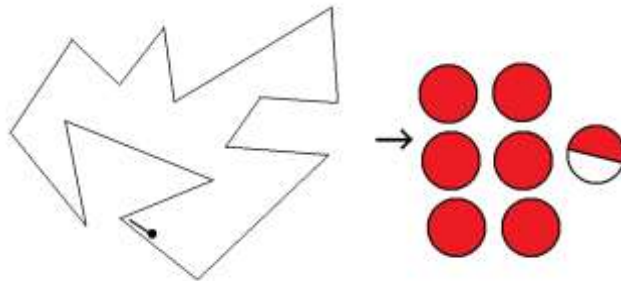
Mathematical Puzzles to Confound and Delight



WW 28: SOLUTION



This pencil-turning trick shows that the interior angles of a triangle sum to half a turn (180°), a quadrilateral to a full turn (360°), a pentagon one-and-a-half turns (540°), and, in general, the interior angles of a polygon with N sides sum to $N - 2$ half-turns.



Challenge: Draw a lopsided five-pointed star. What do the five-angles in its tips sum to?

