

MATHCOUNTS®

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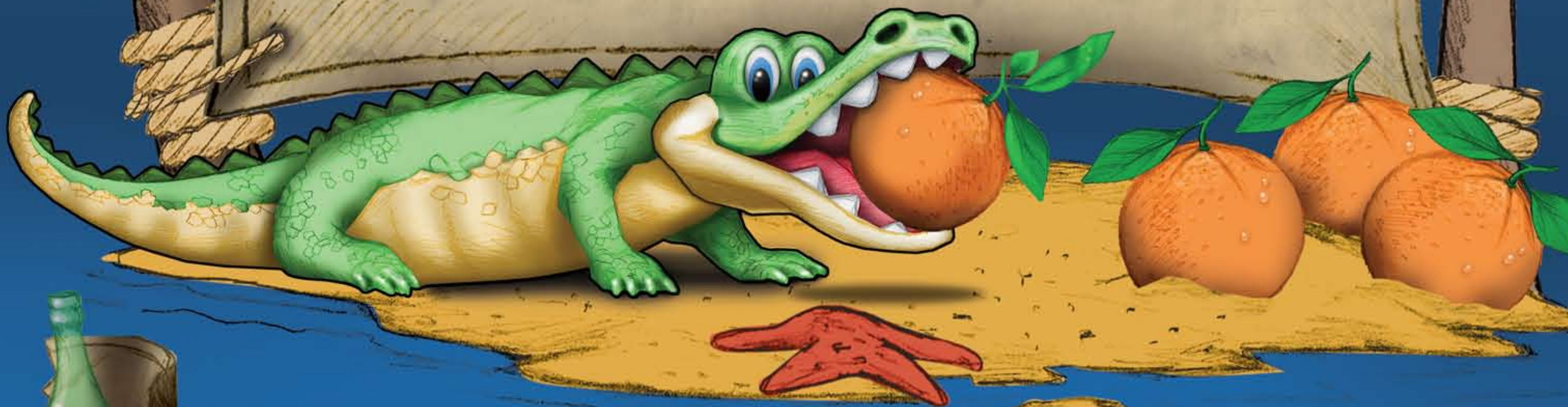


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Alli Gator launches **ORANGES** one at a time at **TWO BUOYS** in her pond. If she **HITS** the **LEFT BUOY** she earns **2 points**, if she **HITS** the **RIGHT BUOY** she earns **1 point**, and if she **MISSES BOTH BUOYS** she earns **0 points**.

If *Alli* launches all 4 of her oranges, how many scoring sequences can result in a total score of 4 points?



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