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| **Crack the Code** | **Angles in Polygons** |

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| **A** | Find the sum of the interior angles in a 13-sided polygon. | **B** | Find the size of one exterior angle of a regular octagon. |
| **C** | Find the sum of the exterior angles of any polygon. | **D** | Find the size of one interior angle in a regular nonagon. |
| **E** | Find the size of one interior angle in a regular 24-sided polygon. | **F** | Find the size of one exterior angle of a 36-sided regular polygon. |
| **G** | A regular polygon has an exterior angle of $36°$. How many sides does the regular polygon have? | **H** | Find the sum of the interior angles in an 11-sided polygon. |
| **I** | Find the size of one exterior angle of a 20-sided regular polygon. | **J** | Find the size of one interior angle in a regular 18-sided polygon. |
| **K** | Find the sum of the interior angles in a 14-sided polygon. | **L** | A regular polygon has an interior angle of $150°$. How many sides does the regular polygon have? |
| To get the three-digit code, add all your answers together then divide by 10. |