## Convex and non-convex polygons: Information sheet

http://topdrawer.aamt.edu.au/Geometric-reasoning/Big-ideas/Plane-shapes/Polygons

| Convex | Non-convex |
| :--- | :--- |
| A polygon is convex if all the interior angles <br> are less than 180 degrees. | If one or more of the interior angles is more <br> than 18o degrees the polygon is non-convex <br> (or concave). |
| All triangles are convex | It is not possible to draw a non-convex <br> triangle. |

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