## Topic 15 Study Guide

| Rectangle |  | a quadrilateral <br> with four right <br> angles and two <br> pairs of opposite <br> equal parallel <br> sides |
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| Parallel | $\longrightarrow$ | two lines that <br> never meet and <br> are always the <br> same distance <br> apart |
| Square | $\square$ | a polygon with <br> four sides that <br> are the same <br> length and four <br> right angles |
| Rhombus | $\square$ | parallelogram <br> with four equal <br> sides and equal <br> opposite angles |
| Trapezoid | $\square$ | a quadrilateral <br> that has one pair <br> of opposite sides <br> that are parallel |


| Polygon |  | any closed, flat <br> shape |
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| Parallelogram |  | a 4-sided <br> polygon with <br> straight sides; <br> the opposite <br> sides are <br> parallel, equal in <br> length and the <br> opposite angles <br> are equal |
| Triangle |  | a 3-sided <br> polygon |
| Quadrilateral | $\square$ | a polygon with <br> four sides and <br> four angles |
| Right Angle | where two lines <br> meet in a shape; <br> if you extend <br> both of the lines <br> you will make a <br> perfect t or <br> capital L |  |

