***Shapes and Designs* Vocabulary**

| **Word/Concept** | **Definition/Explanation** | **Picture/Example** |
| --- | --- | --- |
| **polygon** |  | **ex:****some polygons** |
| **complementary angles** |  | **ex:****a pair of complementary angles** |
| **supplementary angles (linear pair)** |  | **ex:****a pair of supplementary angles** |
| **adjacent angles** |  | **ex:****a pair of adjacent angles** |
| **vertical angles** |  | **ex:****a pair of vertical angles** |
| **parallel lines** |  | **ex:** **some parallel lines** |
| **right triangle** |  | **ex:** **a right triangle** |
| **acute triangle** |  | **ex:** **an acute triangle** |
| **obtuse triangle** |  | **ex:** **an obtuse triangle** |
| **equilateral triangle** |  | **ex:** **an equilateral triangle** |
| **isosceles triangle** |  | **ex:** **an isosceles triangle** |
| **scalene triangle** |  | **ex:** **a scalene triangle** |
| **quadrilateral** |  | **ex:** **some quadrilaterals** |
| **square** |  | **ex:** **a square**  |
| **rectangle** |  | **ex:** **a rectangle** |
| **parallelogram** |  | **ex:** **a parallelogram** |
| **trapezoid** |  | **ex:** **some trapezoids** |
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***Accentuate the Negative* Vocabulary**

**Teacher Version**

| **Word/Concept** | **Definition/Explanation** | **Picture/Example** |
| --- | --- | --- |
| **polygon** | A closed figure made from straight line segments that don’t intersect. | **ex:****some polygons** |
| **complementary angles** | Two or more angles whose measures add to 90°. | **ex:****a pair of complementary angles**$∠1=54°$ and $∠2=36°$ |
| **supplementary angles (linear pair)** | Two or more angles whose measures add to 180°. When the angles are adjacent on a straight line, they are called a linear pair. | **ex:****a pair of supplementary angles**$∠1=137°$ and $∠2=43°$ |
| **adjacent angles** | Two angles that share a common vertex and a common side, but don’t overlap. | **ex:****a pair of adjacent angles**$∠a$ is adjacent to $∠b$ |
| **vertical angles** | A pair of congruent (equal) nonadjacent angles formed by intersecting lines. | **ex:****a pair of vertical angles**$∠1=26°$ and $∠2=26°$ |
| **parallel lines** | Lines that never meet or intersect. | **ex:** **some parallel lines** |
| **right triangle** | A three-sided polygon with one angle measuring 90°. | **ex:** **a right triangle** |
| **acute triangle** | A three-sided polygon with all angles measuring less than 90°. | **ex:** **an acute triangle** |
| **obtuse triangle** | A three-sided polygon with one angle measuring more than 90°. | **ex:** **an obtuse triangle** |
| **equilateral triangle** | A three-sided polygon with all equal sides and all equal angles. | **ex:** **an equilateral triangle** |
| **isosceles triangle** | A three-sided polygon with exactly two equal sides and two equal angles. | **ex:** **an isosceles triangle** |
| **scalene triangle** | A three-sided polygon with no equal sides and no equal angles. | **ex:** **a scalene triangle** |
| **quadrilateral** | A four-sided polygon. | **ex:** **some quadrilaterals**  |
| **square** | A four-sided polygon with all equal sides and four 90° angles. | **ex:** **a square**  |
| **rectangle** | A four-sided polygon with opposite sides that are parallel and all 90° angles. | **ex:** **a rectangle** |
| **parallelogram** | A four-sided polygon with opposite sides that are parallel and opposite angles that are equal. | **ex:** **a parallelogram** |
| **trapezoid** | A four-sided polygon with exactly one pair of parallel sides. | **ex:** **some trapezoids**  |