Name: _____

Geometry Questions

1. Explain how a line is different from a line segment.

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2. Use a red crayon to trace one pair of parallel lines in the trapezoid below.

3. How are the sun's rays like mathematical rays?

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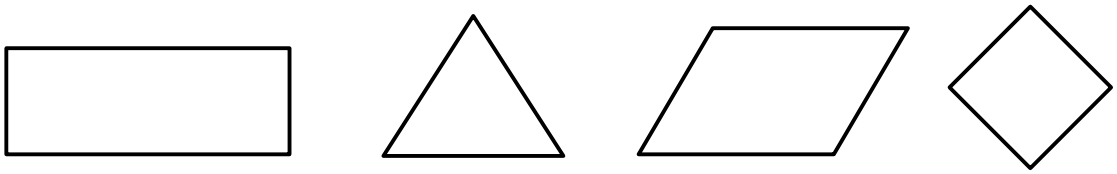
4. Color the shapes below that have perpendicular line segments.



5. Are the metal rails that make up train tracks an example of parallel lines, intersecting lines, or perpendicular lines? Explain.

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ANSWER KEY

Geometry Questions

1. Explain how a line is different from a line segment.

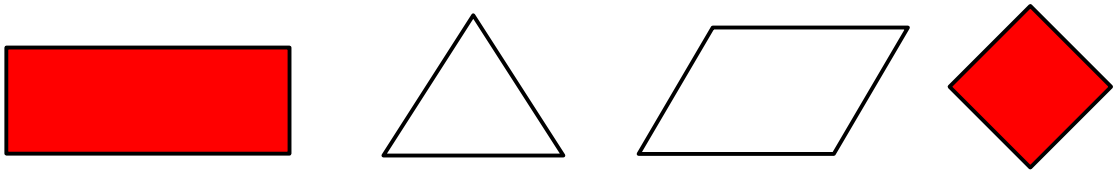
A line is a straight path that goes on forever in both directions. A line segment is a small part of a line with two endpoints.

2. Use a red crayon to trace one pair of parallel lines in the trapezoid below.

3. How are the sun's rays like mathematical rays?

Mathematical rays have one endpoint and continue in a straight path forever. The suns rays start at the sun and radiate outwards forever into space.

4. Color the shapes below that have perpendicular line segments.



5. Are the metal rails that make up train tracks an example of parallel lines, intersecting lines, or perpendicular lines? Explain.

The metal rails on train tracks are parallel lines because they do not cross over each other.