Lines, Line Segments, Rays, and Angles

A line is a straight path that goes on forever in two directions.

A line segment is part of a line. It has two endpoints. It starts and stops.

A ray is part of a line. It has one endpoint. A ray goes on forever in one direction.

An angle is made up of 2 rays having the same endpoint.

Parallel lines are two different lines that run in the same direction. They are always the same distance apart.

Intersecting lines cross each other. They have one point in common.

This angle is a right angle because it has a square corner.

These lines are perpendicular because they cross at right angles.

Tell whether each figure is a line, line segment, or ray.

1. 2. 3. 4.

Tell whether each pair of lines is parallel, intersecting, or perpendicular.

5. 6. 7. 8.