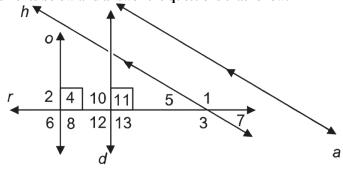


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Learning Activity Sheet PARALLEL AND PERPENDICULAR LINES

Refer to the figure for the statements below and answer the questions that follow.



Statements:

- 1. All even-numbered angles are right angles.
- 2. All angles numbered 10 or higher have equal measures with angle 2.
- 3. Arrowheads found at the middle of a line indicate that they are parallel to a specific line with the same number of arrowheads at the middle.

Questions:

- 1. What lines are perpendicular to line r? State your reason for each.
- 2. What pairs of lines are parallel? State your reason for each.

- 3. What is the relation between the following pairs of angles: (Enumerate all possible relations based on the presented figure.)
- a. Angle 5 and angle 1
- b. Angle 5 and angle 7