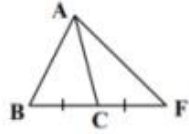


Quiz 1.1 Study Guide – part 2

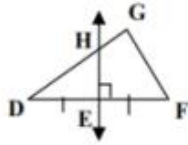
Name the segment for each diagram below.

1) \overline{AC}



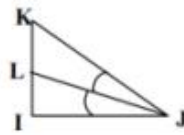
Median

2) \overline{HE}



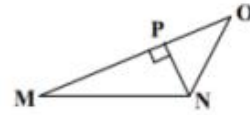
Perpendicular Bisector

3) \overline{JL}



Angle Bisector

4) \overline{PN}



Altitude

5. Fill in the table by circling yes or no

	Passes through vertex	Passes through midpoint	Forms right angle
Median	Yes or No	Yes or No	Yes or No
Altitude	Yes or No	Yes or No	Yes or No
Angle bisector	Yes or No	Yes or No	Yes or No
Perpendicular bisector	Yes or No	Yes or No	Yes or No

6. Circle the correct word or phrase to complete each sentence.

- The (altitude / angle bisector / **median** / perpendicular bisector) of a triangle is a segment drawn from a vertex of a triangle to the midpoint of the opposite side.
- Any point on a perpendicular bisector of a segment is (parallel to / congruent to / **equidistant from**) the endpoints of the segment.
- A(n) (**altitude** / angle bisector / median / perpendicular bisector) of a triangle is a segment drawn from a vertex of a triangle perpendicular to the opposite side.

7. Fill in the blank with the correct word or phrase to complete each sentence.

- A segment bisector intersects a line segment at its **midpoint**.
- An **angle bisector** divides an angle into two congruent angles.
- A **midpoint** divides a line segment into two congruent segments.
- Perpendicular lines form **right angles**.
- Any point on the perpendicular bisector of a line segment is **equidistant** from the endpoints of the line segment.