1) The ___________________ of a triangle is a segment from a vertex to the midpoint of the opposite side.

2) The ___________________ of a triangle is a segment from a vertex perpendicular to the line that contains the opposite side.

For each triangle below, draw the median from $A$ and altitude from $A$.

3) 

4) 

5)
Complete.

6) If $CN = NP$, then ________ is a median of $\triangle CAP$

7) If $\overline{AP}$ is a median of $\triangle ABN$, then ______ = ______.

8) If $\angle CAB$ is a right angle, then ______ and ______ are altitudes of $\triangle CAB$.

9) If $\overline{AP}$ & $CP$ are both altitudes of $\triangle APC$, then $\angle$ ______ is a right angle.
Answer Key

1) Median
2) Altitude

3) \(AM\) is both altitude and median

4) \(AM\) is median, \(AB\) is altitude

5) \(AM\) is median, \(AD\) is altitude

6) \(AN\)

7) \(NP = PB\)

8) \(AC \& AB\)

9) \(APC\)