## Median of a Triangle and Altitude of a Triangle

1. In the given figure,  $\triangle$ ABC is a triangle. D, E and F are the mid-points of AB, AC and BC respectively.

Using the above information, complete the following:

- A. The median corresponding to the side BC.
- B. The median corresponding to side AB.
- C. The median corresponding to side AC.
- 2. Fill in the blanks:-
  - A. A line segment from a vertex of a triangle, perpendicular to the line containing the opposite side is called an \_\_\_\_\_\_ of the triangle.
  - B. The point of concurrence of the altitudes of a triangle is called the \_\_\_\_\_\_ of the triangle.
  - C. The point of concurrence of the \_\_\_\_\_\_ of a triangle is called the \_\_\_\_\_\_ of the triangle.

## 3. Use the diagram to answer the questions.

- A. Name an angle bisector of  $\Delta$ EFG.
- B. Name a median in  $\Delta$ EFG.
- C. Name a perpendicular bisector in  $\Delta$ EFG.
- D. Name an altitude in  $\Delta$  EFG.



4. Draw all altitudes in each triangle using a straight edge.



5. Draw all medians in each triangle using a straight edge.

