5.1 and 5.2 REVIEW
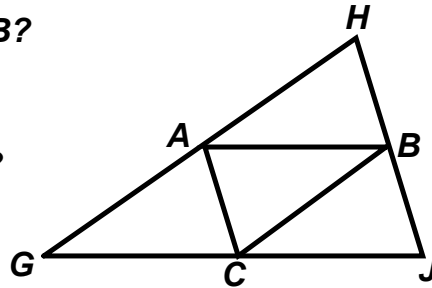
1. If AB = 3x + 8 and GJ = 2x + 24, what is AB?

2. If AC = 3y - 5 and HJ = 4y + 2, what is HB?
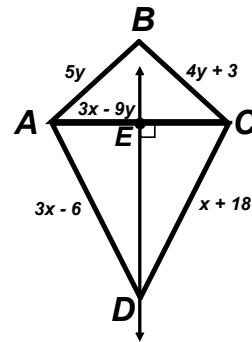
3. If GH = 7z - 1 and BC = 4z - 3, what is GH?

4. If $m\angle HGC = 56°$ then $m\angle HAB =$ _____ and $m\angle BAG =$ _____

Use the diagram, DE is the perpendicular bisector of AC. Find the indicated measure.

5. Find AB.

6. Find AD.

7. Find AE.

In the diagram, the perpendicular bisectors of $\triangle ABC$ meet at point P and are shown dashed. Find the indicated measure.
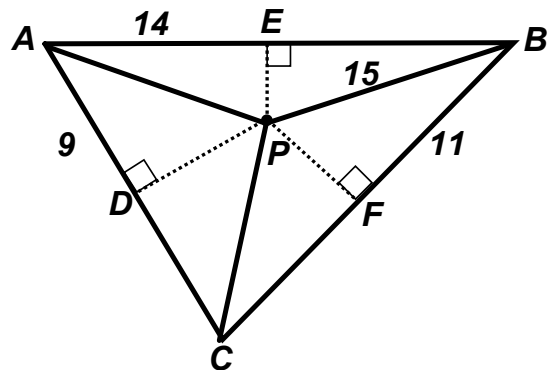
8. BE =

9. FC =

10. DC =

11. PD =

12. PF =

13. PE =

1. AB = 14
2. HB = 13
3. GH = 34
4. $m\angle HAB = 56°$
   $m\angle BAG = 124°$
5. AB = 15
6. AD = 30
7. AE = 9
8. BE = 14
9. FC = 11
10. DE = 9
11. PD = 12
12. PF ≈ 10.2
13. PE ≈ 5.4