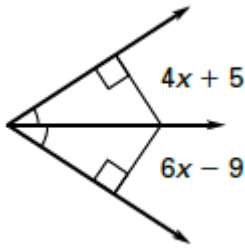Name _____   Date _____

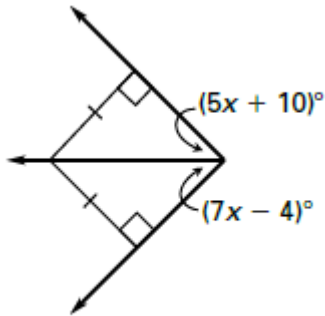**Assignment 45 Lesson 5.3 thru 5.4 Quiz**
For use after the lessons "Use Angle Bisectors of Triangles" and "Use Medians and Altitudes"
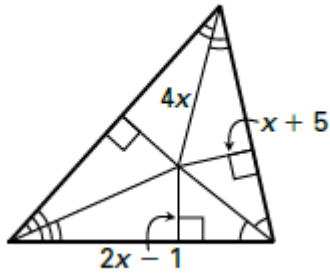
Find the value of x.   *Answers*

1.   1. _____

$4x + 5$

$6x - 9$

2. _____

3. _____

4. _____

5. _____

2.

$(5x + 10)°$

$(7x - 4)°$

3.

$4x$

$x + 5$

$2x - 1$

In the figure, *P* is the centroid of △ *ABC* and *BP* = 8.

4. Find the length of $\overline{BF}$.

5. Find the length of $\overline{FP}$.

Geometry
Assessment Book