## See the answers to the Homework BELOW.

1. FT is a median of triangle FEG. Find x if EG = 5x + 3 and TG = 5x - 7.

2. HW is a median of triangle FGH. Find x if GF = 4x and WF = 3x - 3.

3. XP is an angle bisector of triangle WXV. <VXP = 19x and <VXW = 37x + 2. Find x.

4. SP is an angle bisector of triangle STU. <PSU = 2x + 10 and <TSP = 3x. Find x.

5. AD is an altitude of triangle ABC. BD = 2x, DC = 3x - 4, and <ADC = 4x + 10. Find BC.

Answers:

