

22. The volume of red blood cells in a blood sample is equal to the total volume of the sample minus the volume of plasma. What is the total volume x of blood drawn?
23. **CONNECTING TO REAL LIFE** One serving of oatmeal provides 16% of the fiber you need daily. You must get the remaining 21 grams of fiber from other sources. How many grams of fiber should you consume daily? Justify your answer.

$$5.5 \text{ ml} \quad 45\% x$$

$$\begin{array}{r}
 5.5 + .45x = x \\
 \underline{- .45x \quad - .45x} \\
 5.5 = .55x
 \end{array}$$

$$5.5 = .55x$$

$$x = 10$$

Section 1.5 Solving Equations with Variables on Both Sides

18. A pizza parlor makes 52 pizza crusts the first week of summer and 180 pizza crusts each subsequent week. A diner makes 26 pizza crusts the first week of summer and 90 pizza crusts each subsequent week. When will the total number of pizza crusts made by the pizza parlor be twice the total number of pizza crusts made by the diner?

52 1st
 180 2nd

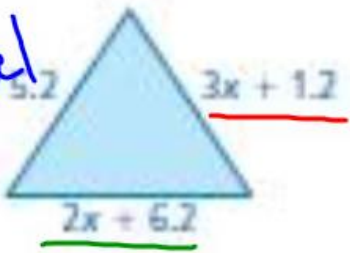
 232

26
 90

 116

19. **CONNECT CONCEPTS** Is the triangle an equilateral triangle? Justify your answer.

Not equilateral



$$3x + 1.2 = 2x + 6.2$$

↑ unlike ↑
 one sol

