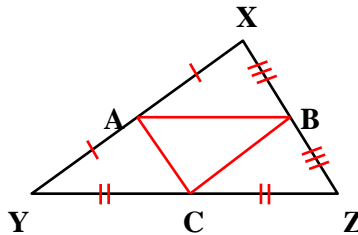
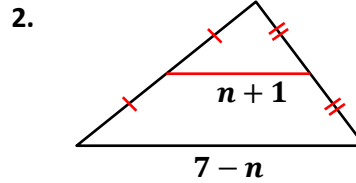
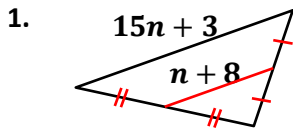


MIDSEGMENTS OF TRIANGLES Bell Work

Find the value of n .



In $\triangle XYZ$, $\overline{YC} = \overline{CZ}$, $\overline{YA} = \overline{AX}$, $\overline{XB} = \overline{BZ}$. Complete the statements below.

3. $\overline{AB} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
4. $\overline{BC} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
5. $\overline{AC} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
6. $\overline{AB} \parallel \underline{\hspace{2cm}}$
7. $\overline{BC} \parallel \underline{\hspace{2cm}}$
8. $\overline{AC} \parallel \underline{\hspace{2cm}}$
9. If $\overline{BC} = x + 12$ and $\overline{XA} = 4x + 3$, what is \overline{AY} ?

10. If $\overline{BZ} = 5x - 3$ and $\overline{AC} = x + 13$, what is \overline{XZ} ?