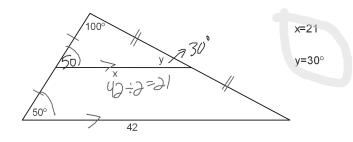
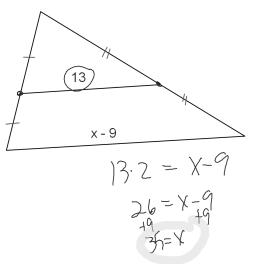
Theorem 5-1

Triangle Midsegment Theorem

If a segment joins the midpoints of two sides of a triangle, then the segment is parallel to the third side, and is half its length.



Find the value of x.



Points R, S, and W are midpoints and BY = 14

a. $\overline{\mathsf{RW}} \parallel \underline{\hspace{1em}} \hspace{1em} \underline{\hspace{1em}} \hspace{1em} \hspace{1em} \underline{\hspace{1em}} \hspace{1em} \hspace{1em} \hspace{1em} \underline{\hspace{1em}} \hspace{1em} \hspace{1$

- b. BK || RS
- c. Find the perimeter of \triangle BKY
- d. Find the perimeter of $\triangle RWS$

