



Refer to the figure above for exercises 1-3.

- 1) If $AC = 24$, find the value of x . Then find AB and BC .
- 2) If $AC = 14$, find the value of x . Then find AB and BC .
- 3) If $AB = 2x + 1$ and $BC = 2x - 3$ and $AC = 24$, find the value of x . Then find AB and BC .



In the figure above, if $\overline{AC} \cong \overline{CE}$ and B is the midpoint of \overline{AC} , $CD = 2$ and $AE = 8$. Find the following:

- 1) BC
- 2) AC
- 3) DE