

1) Sine Law

Finding a side

or

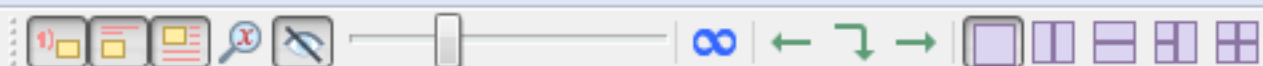
Finding an angle

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

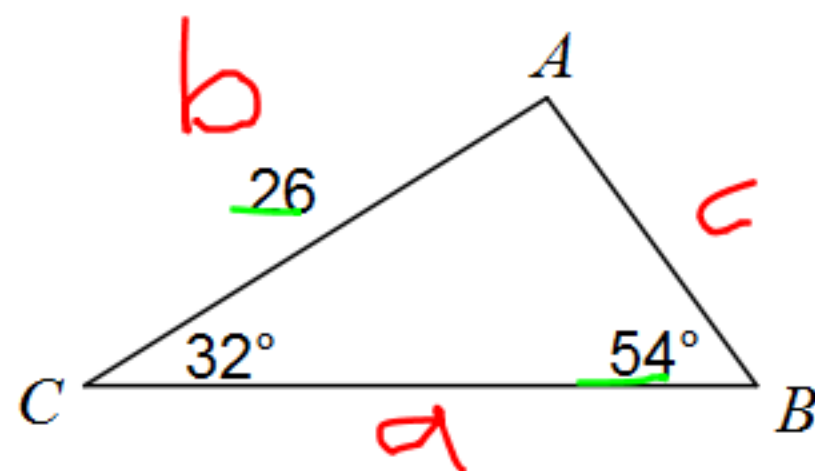
* choose 2

* lower case $\Rightarrow$ sides
upper case $\Rightarrow$ angles



Find each measurement indicated. Round your answers to the nearest tenth.

2) Find AB

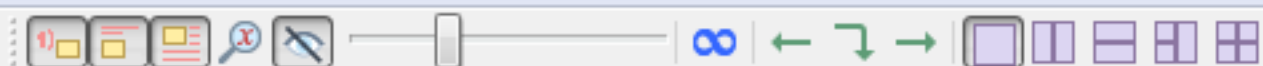


$$\frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{26}{\sin 54} = \frac{c}{\sin 32}$$

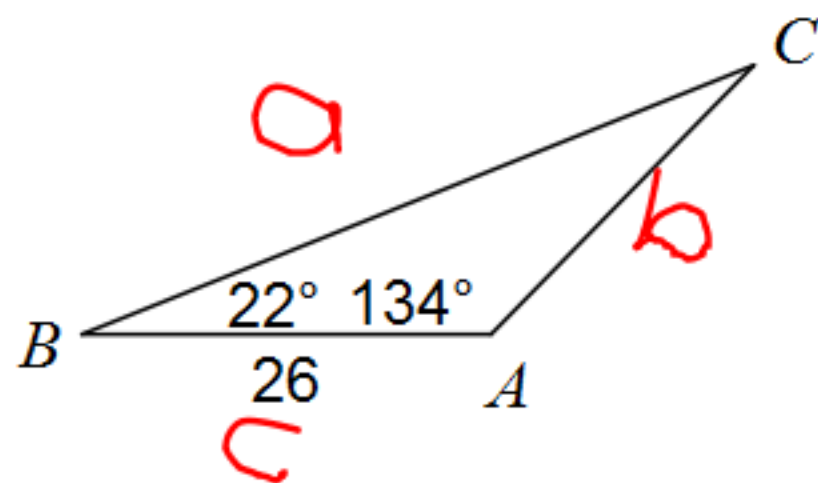
$$13.7 = \sin 54 c$$

$$\frac{13.7}{\sin 54} = c$$



Find each measurement indicated. Round your answers to the nearest tenth.

4) Find AC



$$\frac{c}{\sin C} = \frac{b}{\sin B}$$

$$\frac{26}{\sin 24} = \frac{b}{\sin 22}$$



$$\angle C = 180 - 22 - 134$$

$$\angle C = 24$$

$$\frac{0.408}{0.9}$$

$$= 0.453$$

$$0.9$$

$$0.9$$

$$b = 24.3$$