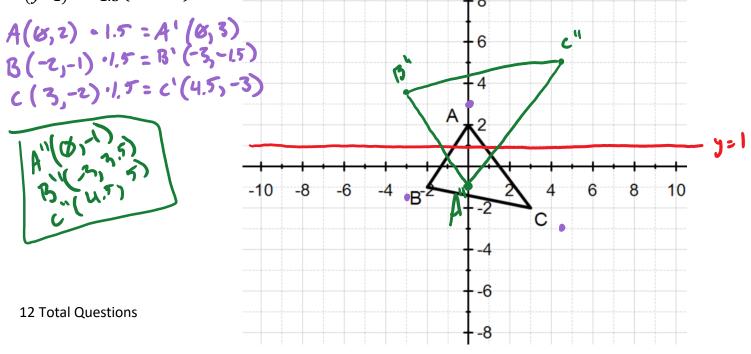
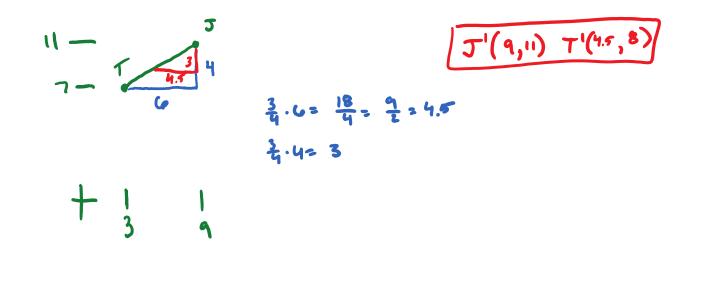


What is the image and the vertices of  $\triangle$ ABC after you apply the composition  $R_{(y=1)} \circ D_{1.5}(\triangle ABC)$   $A(x, z) \Rightarrow 1.5 \Rightarrow A^{1}(x, 3)$ 

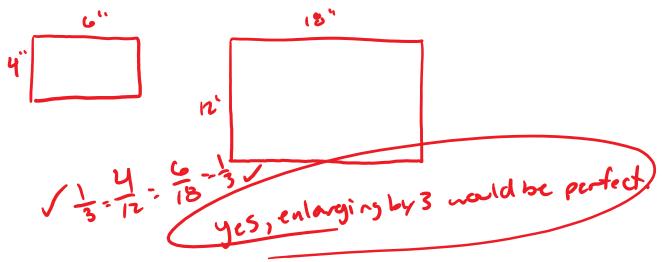


The endpoints of  $\overline{JT}$  are J(9, 11) and T(3, 7). What are the endpoints of the image of  $\overline{J'T'}$  after a dilation with a scale factor of  $\frac{3}{4}$  from point J.

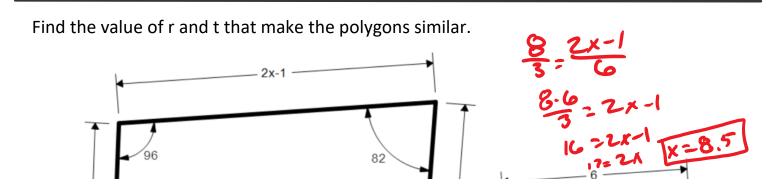


12 Total Questions

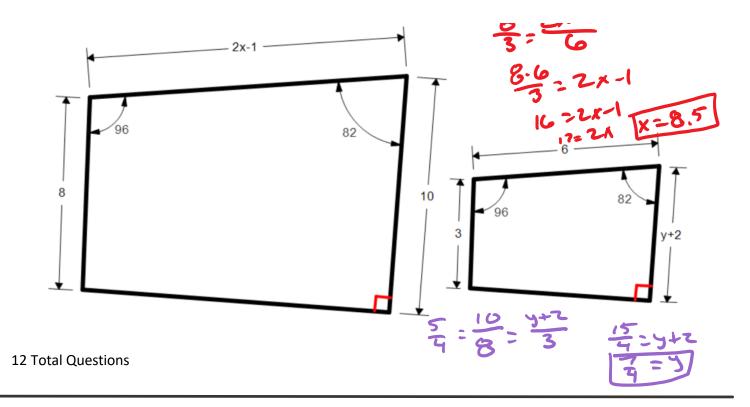
Your parents have a 4" by 6" photo that you want to have enlarged to fit a frame that is 12" by 18". Would the photo enlarge perfectly to fit the frame?



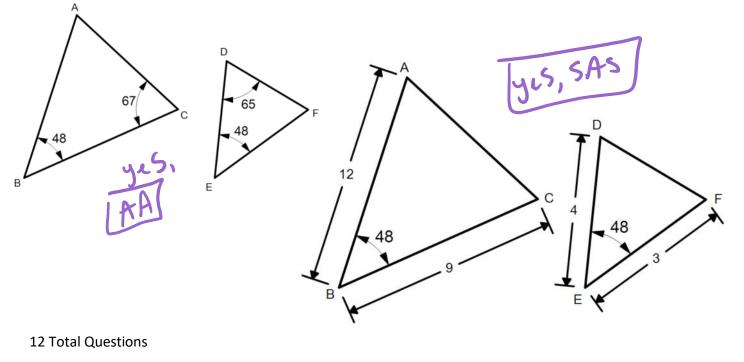
12 Total Questions



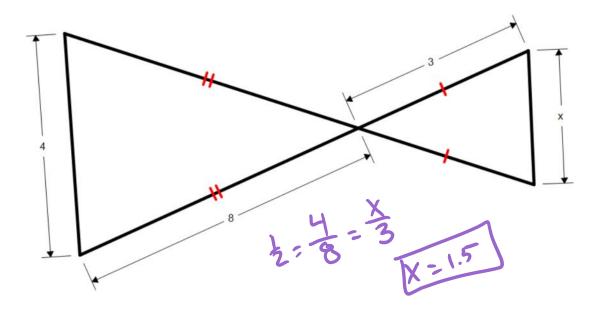
Topic 7 - Similarity Page 2



Are the triangles similar? If so write whether it is SSS, SAS or AA?

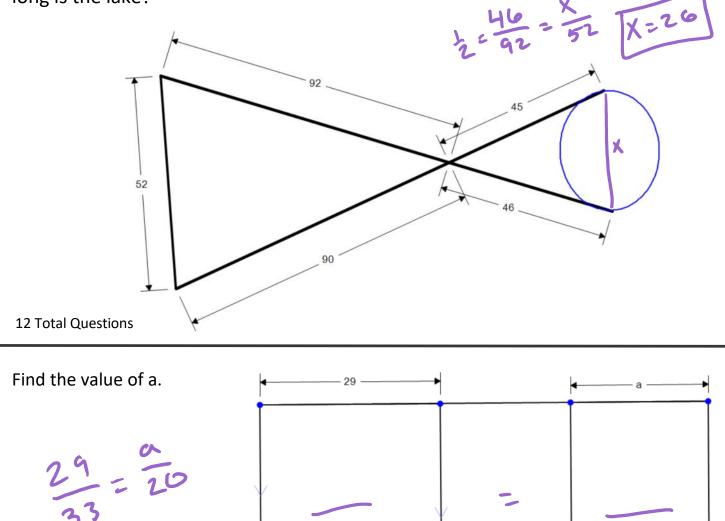


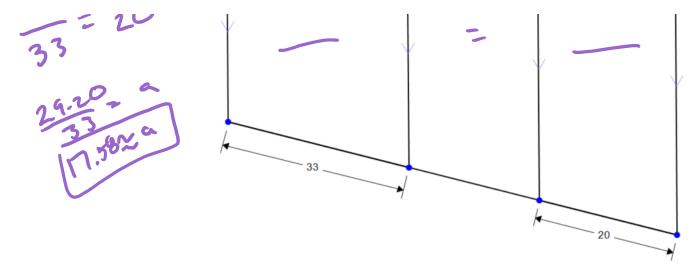
Find the value of x.



12 Total Questions

An outdoor adventure camp owns the lake shown in the diagram. They are having a zipline installed across the lake. A survey crew took the measurements shown. How long is the lake?





## **12 Total Questions**

According to the diagram shown, what is the correct proportion for the sides of the triangles. (Finish the proportion.)

