

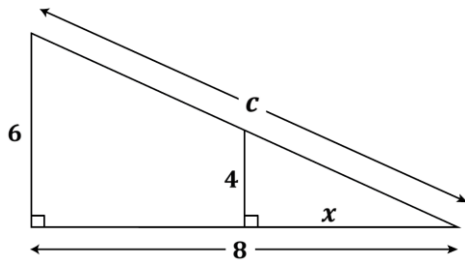
7. The following toy bus is 8 cm wide:



If the real bus is 4 m wide, what is the scale factor?

8. Your toy jet is 6 cm wide. It is at a scale of 3 : 140. How large is the plane in real life?

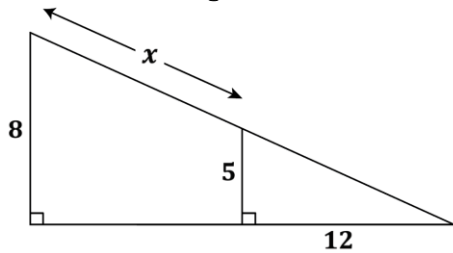
9. See triangle below:



a. Find c

b. Find x

10. Find x in the diagram below:

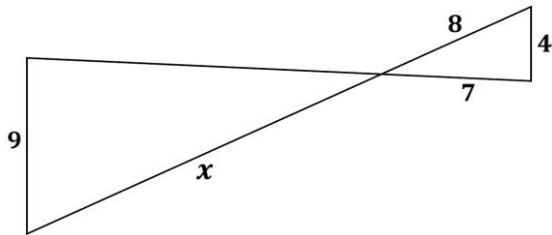


11. Suppose the Jeddah tower is 1100 m tall. The ruler measurement of a picture of this building is 8 cm. The ruler measurement of the picture of the monster is 3 cm.

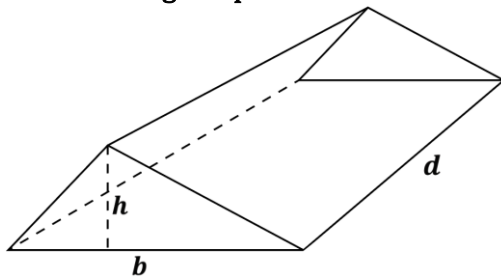
a. How tall is the monster in real life?



12. Find x in the diagram below:



13. See the triangular prism below:



If all dimensions are tripled, how many times larger is the volume of the larger prism?