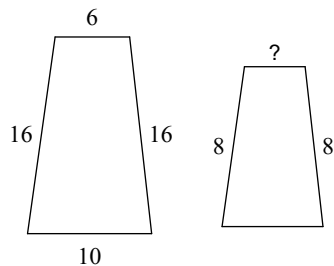


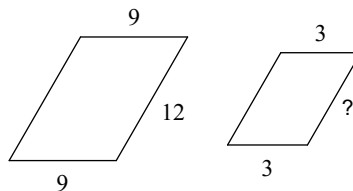
# Unit 2A Midterm Homework

The polygons in each pair are similar. Find the missing side length.

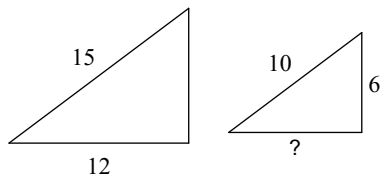
1)



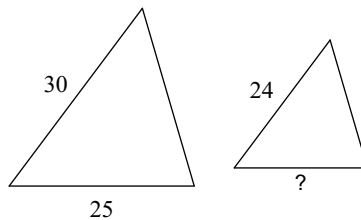
2)



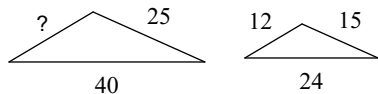
3)



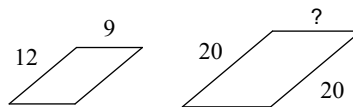
4)



5)

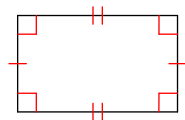


6)

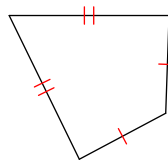


State the most specific name for each figure.

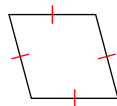
7)



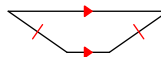
8)



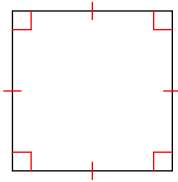
9)



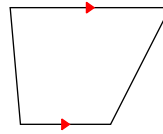
10)



11)

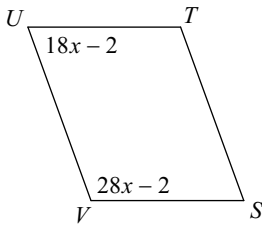


12)

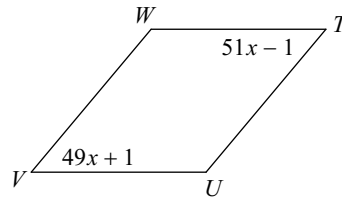


**Solve for  $x$ . Each figure is a parallelogram.**

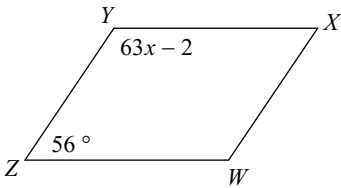
13)



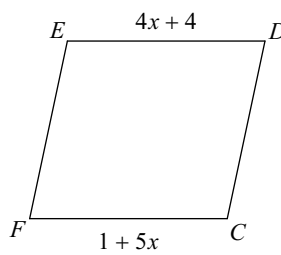
14)



15)

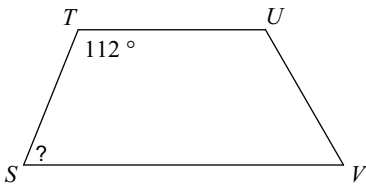


16)

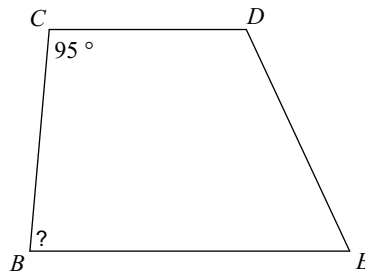


**Find the measurement of the angle indicated for each trapezoid.**

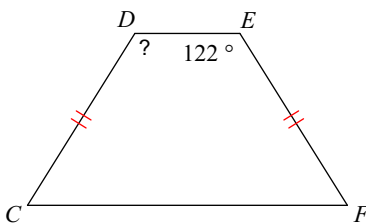
17)



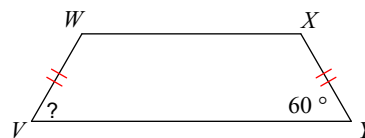
18)



19)

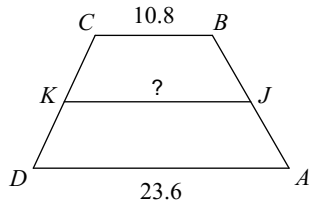


20)

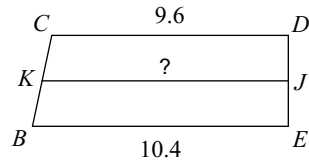


Find the length of the median of each trapezoid.

21)

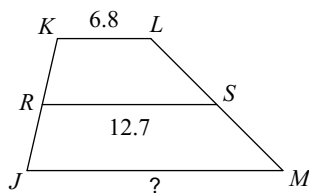


22)

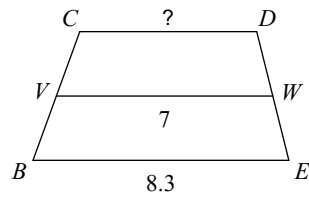


Find the length of the base indicated for each trapezoid.

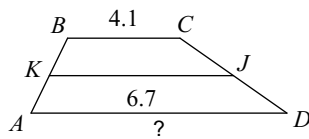
23)



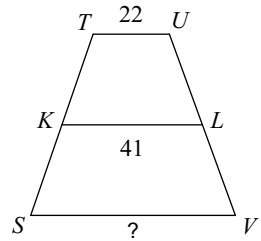
24)



25)

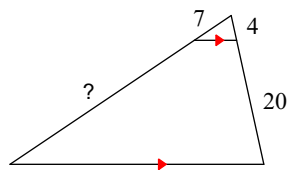


26)

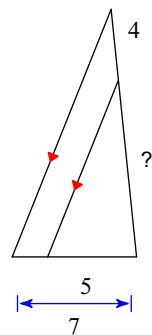


Find the missing length indicated.

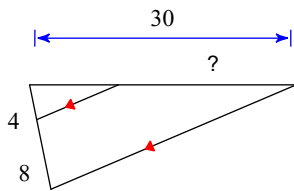
27)



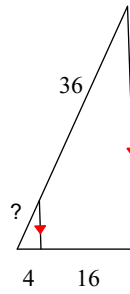
28)



29)

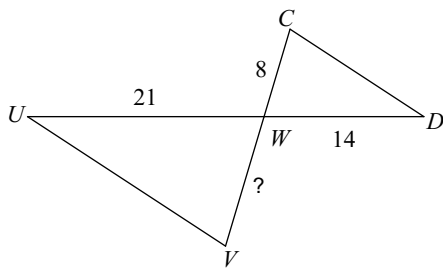


30)

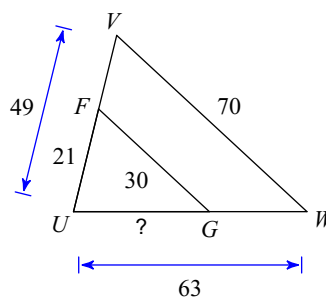


**Find the missing length. The triangles in each pair are similar.**

31)  $\triangle WVU \sim \triangle WCD$

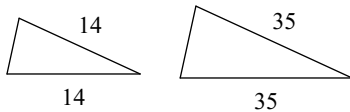


32)

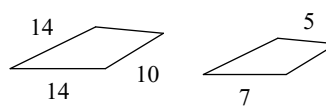


**The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.**

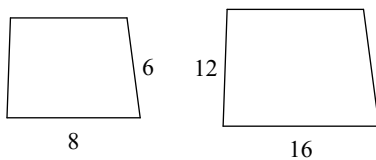
33)



34)



35)



36)

