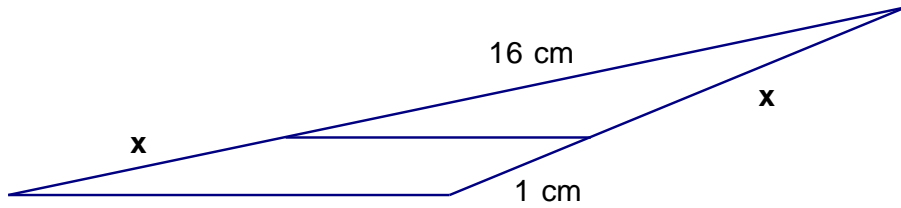
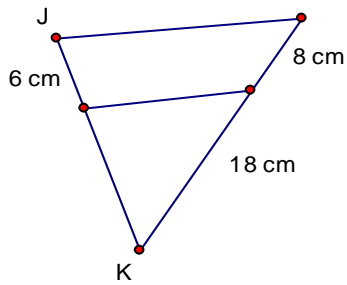
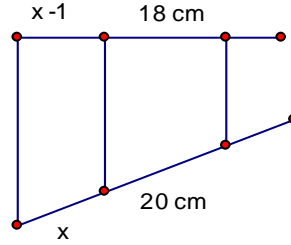
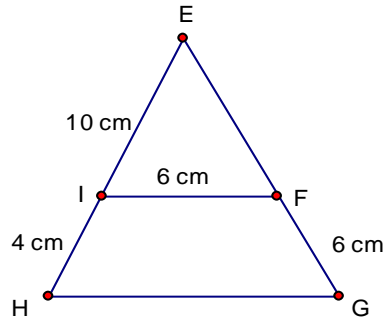
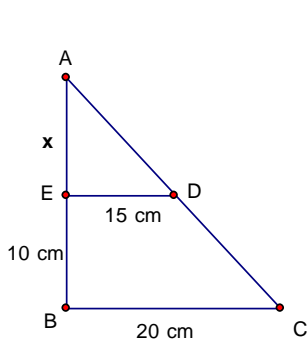
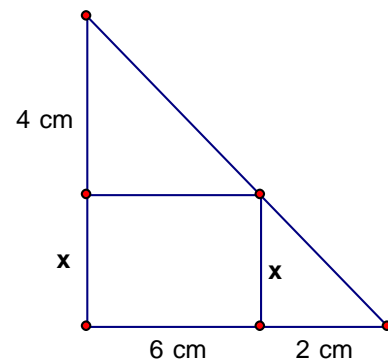
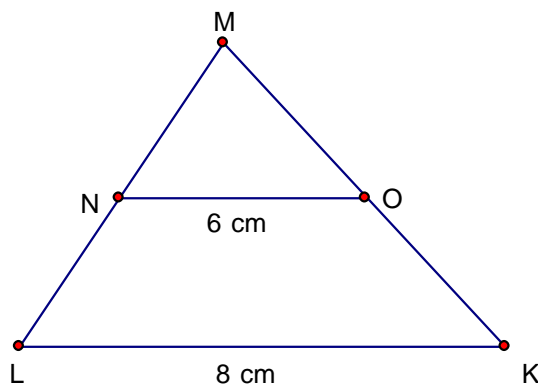
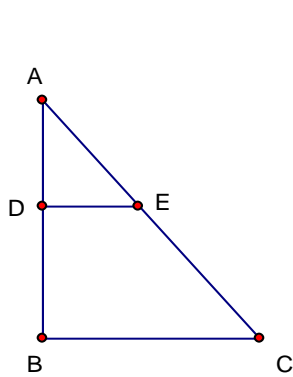
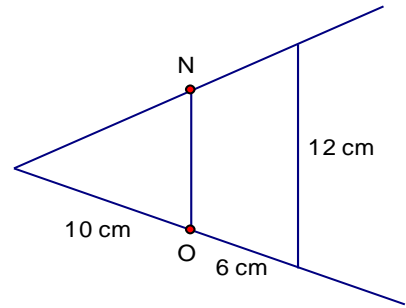
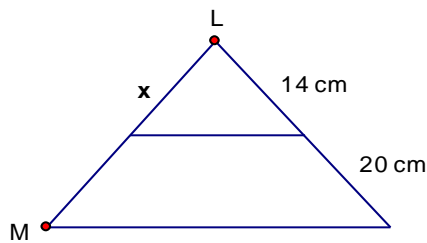
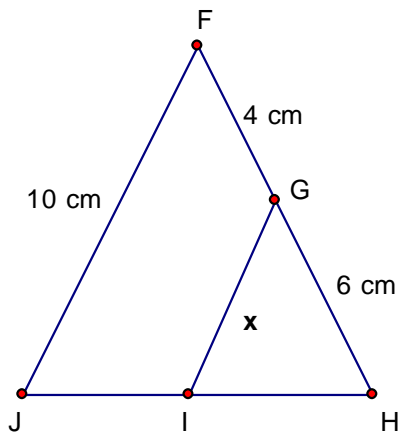


# Geometry Chapter 7 Practice Test 2

Name \_\_\_\_\_



1. Find  $x$  if  $\triangle AED \sim \triangle ABC$        $x =$  \_\_\_\_\_
  
2. Given:  $\triangle EIF \sim \triangle EHG$        $EF =$  \_\_\_\_\_       $HG =$  \_\_\_\_\_
  
3. Solve for  $x$ . All vertical lines are parallel.       $x =$  \_\_\_\_\_
  
4.  $JK =$  \_\_\_\_\_ (Pay attention to what I have asked you to measure!)
  
5. Find  $x$  given that the two horizontal lines are parallel.       $x =$  \_\_\_\_\_



6. Find  $x$  if  $\triangle FJH \sim \triangle GIH$   $x = \underline{\hspace{2cm}}$
7. If  $LM = 36$  cm, find  $x$ .  $x = \underline{\hspace{2cm}}$
8.  $NO = \underline{\hspace{2cm}}$
9. If  $DE = 4$  cm,  $BC = 10$  cm,  $AE = 8$  cm,  $AD = 6$  cm, what is  $AB$ ?  $\underline{\hspace{2cm}}$
10. If  $\triangle MNO \sim \triangle MLK$  and the perimeter of  $\triangle MNO$  is 40 cm, what is the perimeter of  $\triangle MLK$ ?  
 $\underline{\hspace{2cm}}$
11. What is the value of  $x$  in the below figure given that the vertical lines are parallel?  $\underline{\hspace{2cm}}$