

# 7-2 Similar Triangles

Name: \_\_\_\_\_

Time Start: \_\_\_\_\_ Finish: \_\_\_\_\_

Total Time = \_\_\_\_\_

If the two triangles in each figure are similar, determine the value of  $x$  in each.

Figure 1

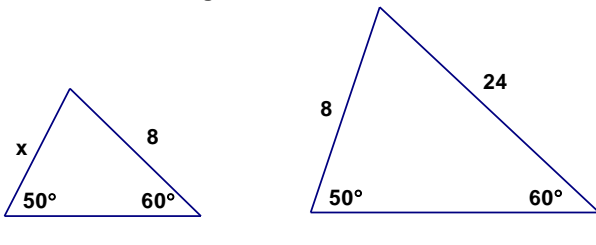


Figure 2

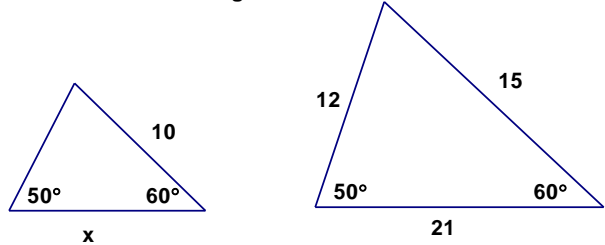


Figure 3

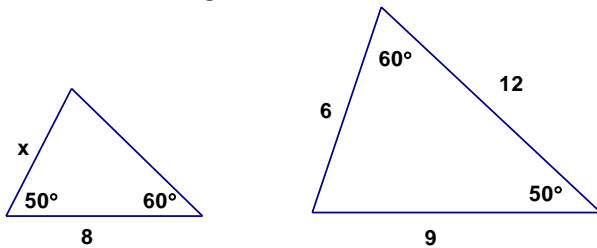


Figure 4

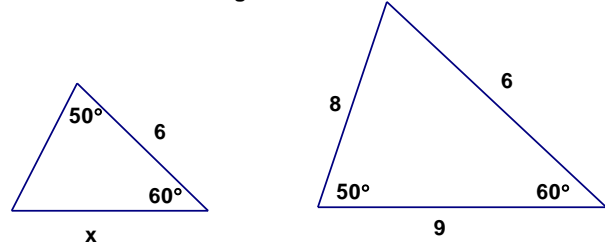


Figure 5

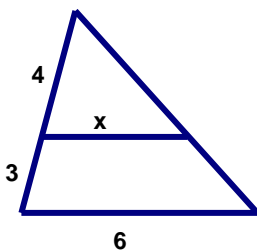


Figure 6

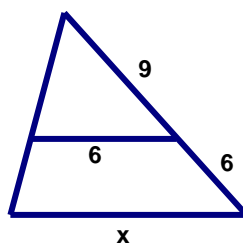


Figure 7

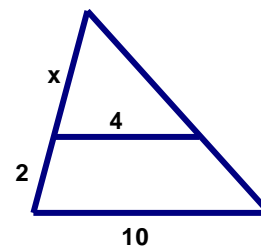


Figure 8

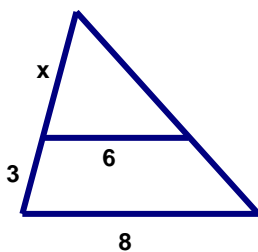


Figure 9

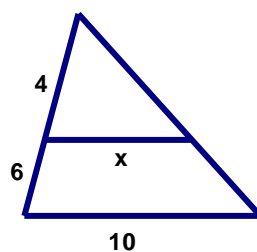


Figure 10

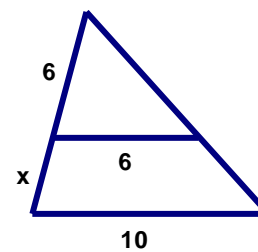


Figure 1:  $x =$  \_\_\_\_\_

Figure 2:  $x =$  \_\_\_\_\_

Figure 3:  $x =$  \_\_\_\_\_

Figure 4:  $x =$  \_\_\_\_\_

Figure 5:  $x =$  \_\_\_\_\_

Figure 6:  $x =$  \_\_\_\_\_

Figure 7:  $x =$  \_\_\_\_\_

Figure 8:  $x =$  \_\_\_\_\_

Figure 9:  $x =$  \_\_\_\_\_

Figure 10:  $x =$  \_\_\_\_\_