

7-2 Similar Triangles

Name _____

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

Figure 1

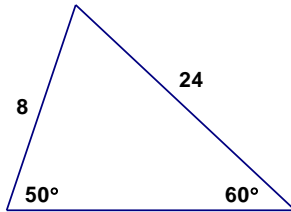
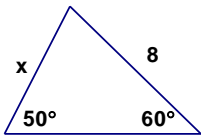


Figure 2

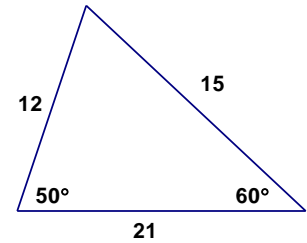
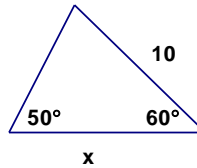


Figure 3

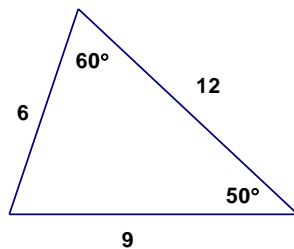
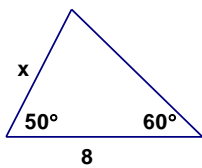


Figure 4

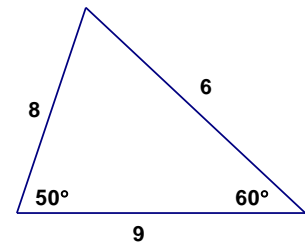
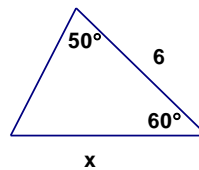


Figure 5

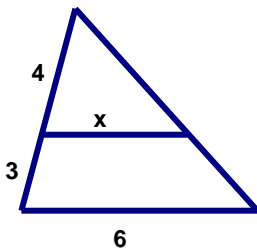


Figure 6

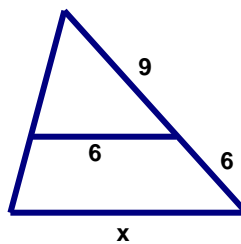


Figure 7

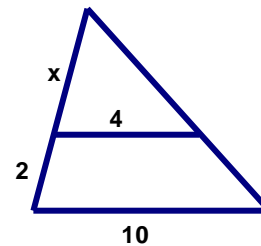


Figure 8

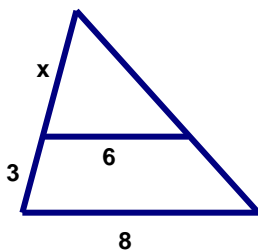


Figure 9

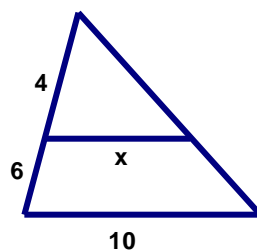


Figure 10

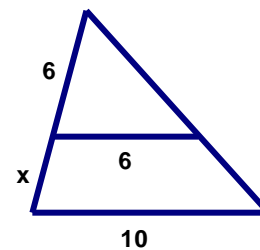


Figure 1: $x =$ _____

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: $x =$ _____