



# Interior Angles

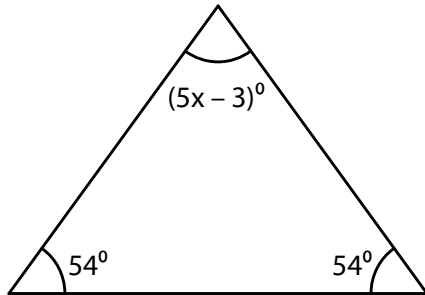
Name \_\_\_\_\_

Score \_\_\_\_\_

AT:09

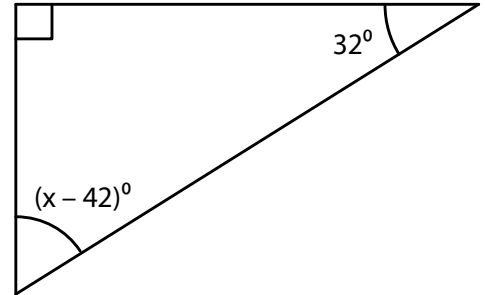
Find the value of x.

1)



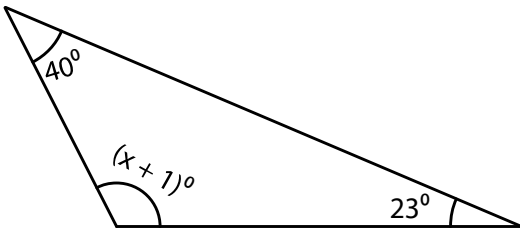
x =

2)



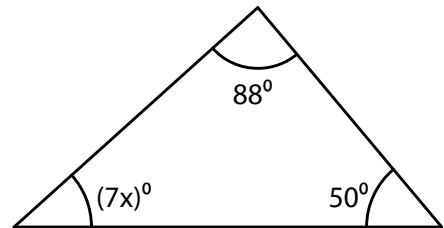
x =

3)



x =

4)



x =

The angles of the triangle are given. Find the value of x.

1)  $46^\circ, (2x - 11)^\circ, 13^\circ$

x =

2)  $60^\circ, 16^\circ, (8x)^\circ$

x =

3)  $(147 - x)^\circ, 35^\circ, 7^\circ$

x =

4)  $42^\circ, (x + 3)^\circ, 20^\circ$

x =



# Interior Angles

Name \_\_\_\_\_

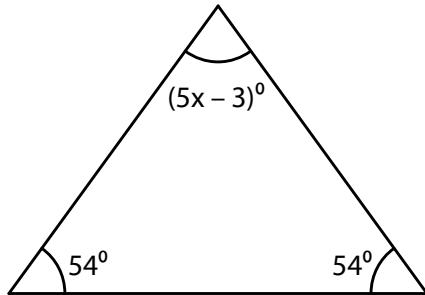
Score \_\_\_\_\_

## Answer key

AT:09

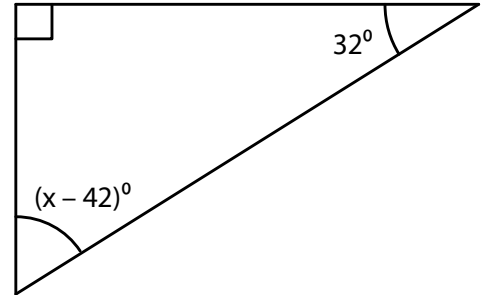
Find the value of x.

1)



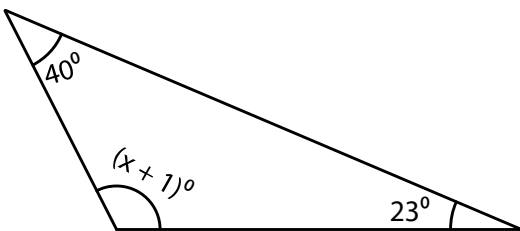
x = **15**

2)



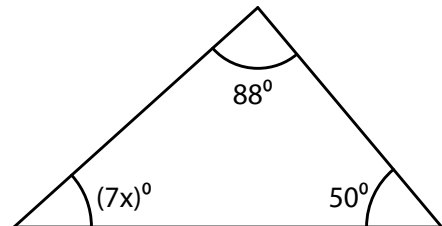
x = **100**

3)



x = **116**

4)



x = **6**

The angles of the triangle are given. Find the value of x.

1)  $46^\circ, (2x - 11)^\circ, 13^\circ$

x = **66**

2)  $60^\circ, 16^\circ, (8x)^\circ$

x = **13**

3)  $(147 - x)^\circ, 35^\circ, 7^\circ$

x = **9**

4)  $42^\circ, (x + 3)^\circ, 20^\circ$

x = **115**