

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

Score : \_\_\_\_\_

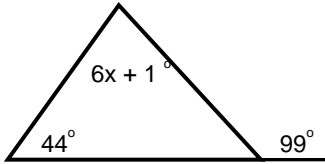
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Exterior Angle Theorem

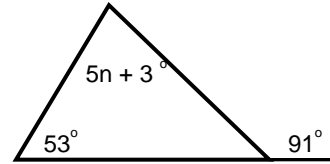
Solve for the given variable.

1)



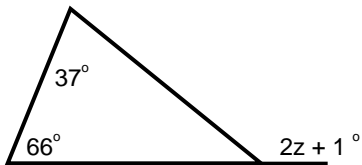
$$x = \underline{\hspace{2cm}}$$

5)



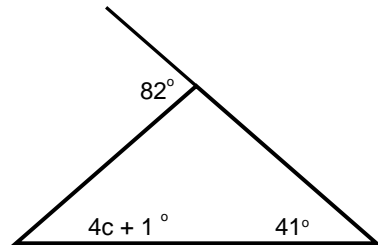
$$n = \underline{\hspace{2cm}}$$

2)



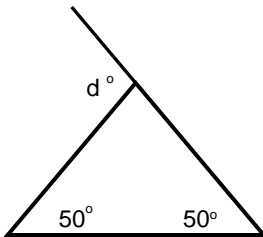
$$z = \underline{\hspace{2cm}}$$

6)



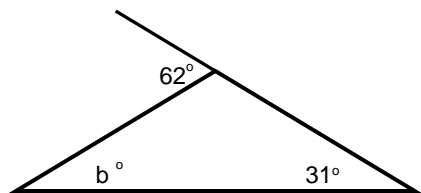
$$c = \underline{\hspace{2cm}}$$

3)



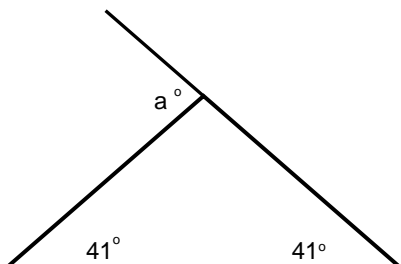
$$d = \underline{\hspace{2cm}}$$

7)



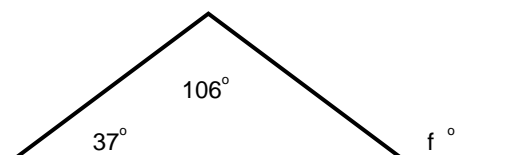
$$b = \underline{\hspace{2cm}}$$

4)



$$a = \underline{\hspace{2cm}}$$

8)



$$f = \underline{\hspace{2cm}}$$



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

Score : \_\_\_\_\_

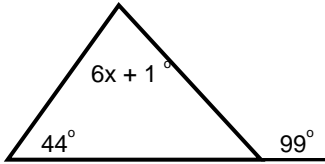
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Exterior Angle Theorem

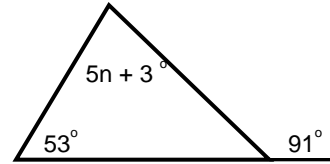
Solve for the given variable.

1)



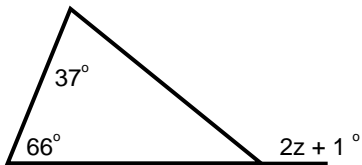
$$x = 9$$

5)



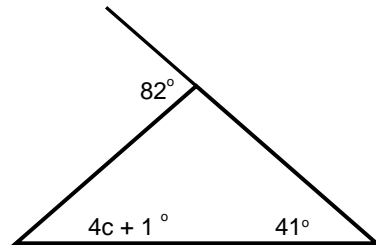
$$n = 7$$

2)



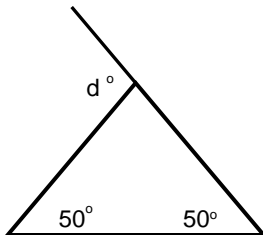
$$z = 51$$

6)



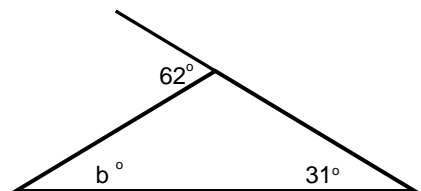
$$c = 10$$

3)



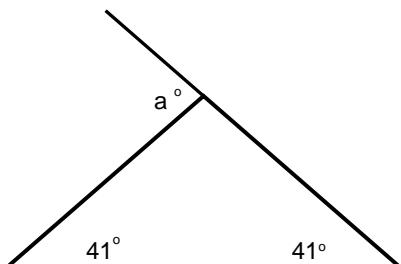
$$d = 100$$

7)



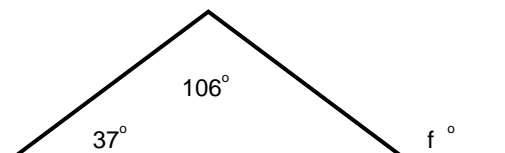
$$b = 31$$

4)



$$a = 82$$

8)



$$f = 143$$

