

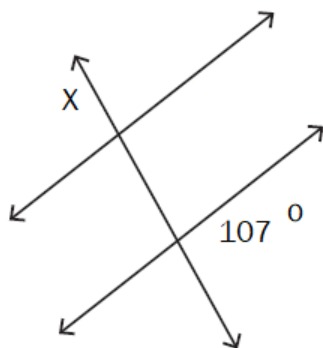
Identifying Angle Pairs Worksheet

Name: _____ Class: _____ Date: _____

For each of the following diagrams, find the value for X and explain what the pattern in – please refer to your worksheets and the vocabulary sheets – Please note the correction on Corresponding Angles on the Answer sheet.

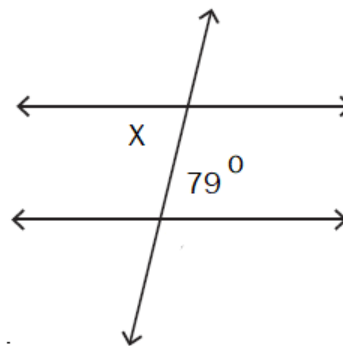
Find the value of x .

1)



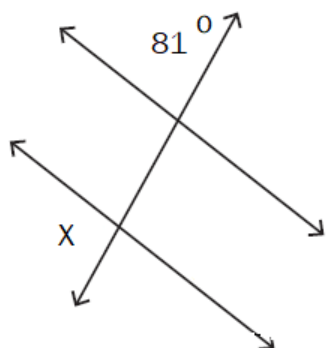
$X = \underline{\hspace{2cm}}$
Because _____

2)



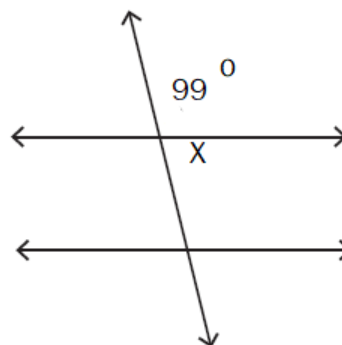
$X = \underline{\hspace{2cm}}$
Because _____

3)



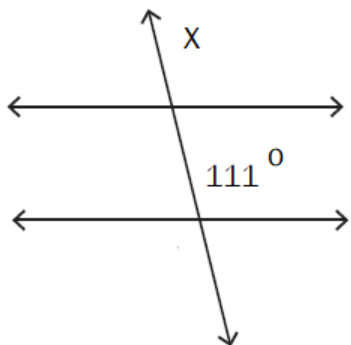
$X = \underline{\hspace{2cm}}$
Because _____

4)



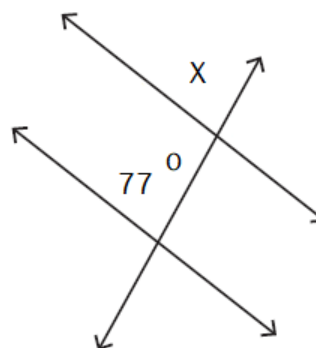
$X = \underline{\hspace{2cm}}$
Because: _____

5)



$X = \underline{\hspace{2cm}}$
Because _____

6)

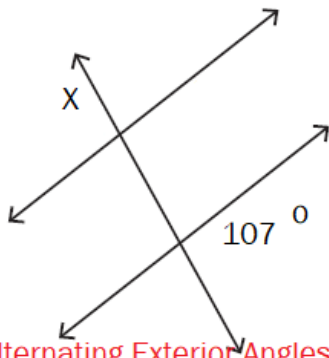


$X = \underline{\hspace{2cm}}$
Because: _____

ANSWER KEY

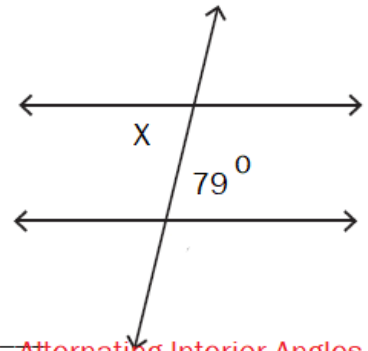
Find the value of x .

1)



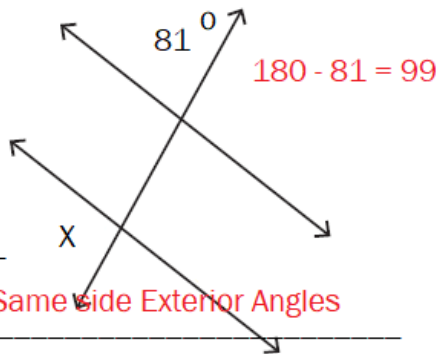
$x = \underline{107}$
Because Alternating Exterior Angles

2)



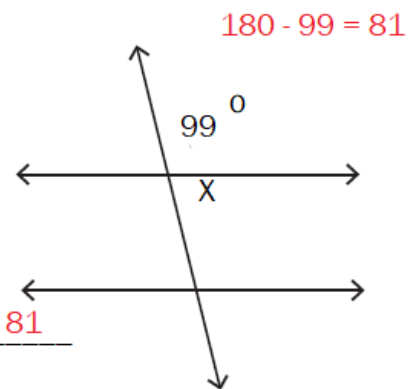
$x = \underline{79}$
Because Alternating Interior Angles

3)



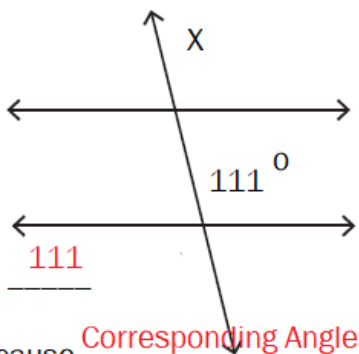
$x = \underline{99}$
Because Same Side Exterior Angles

4)



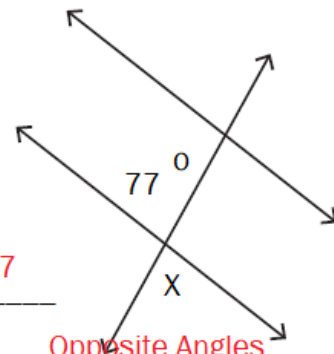
$x = \underline{81}$
Because Adjacent Angles (Linear Angles)

5)



$x = \underline{111}$
Because Corresponding Angles

6)



$x = \underline{77}$
Because Opposite Angles