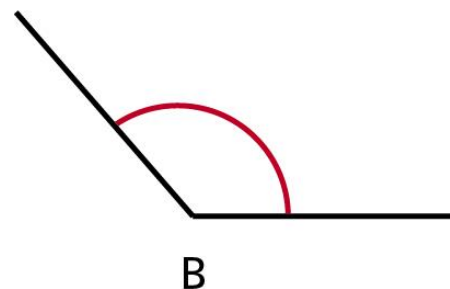
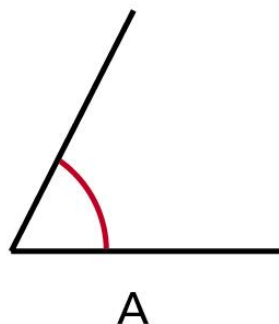


Compare and order angles

I Here are two angles.



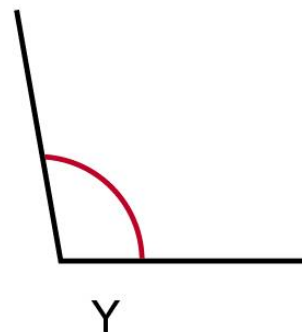
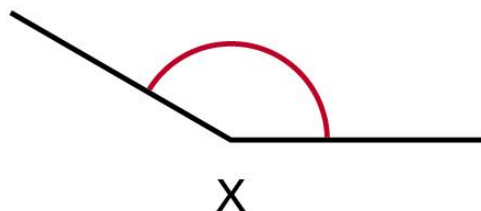
a) Which angle is obtuse?

b) Which angle is acute?

How do you know?



2 Here are two angles.



a) What type of angle is angle X?

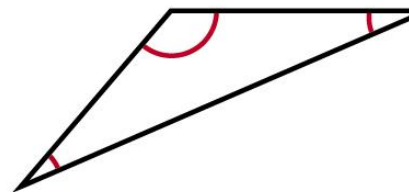
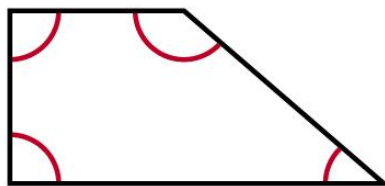
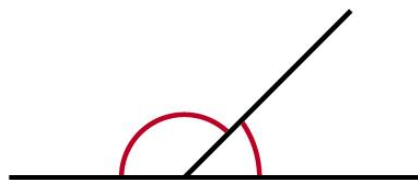
b) What type of angle is angle Y?

c) Which angle is smaller?

How do you know?



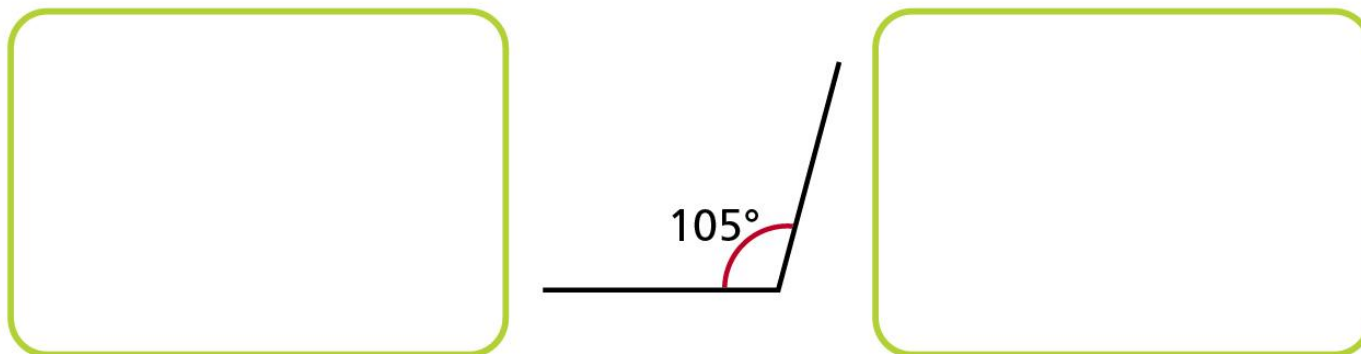
- 3 Circle the greatest angle in each diagram.





4

Here is an angle.



- a) Draw a smaller angle than 105° in the box on the left.
- b) Draw a greater angle than 105° in the box on the right.
- c) Is this statement true or false?

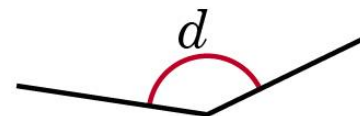
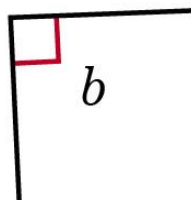
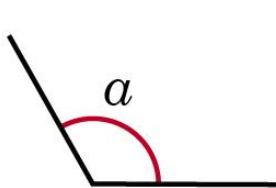
The angles are in ascending order of size.

Explain your answer.

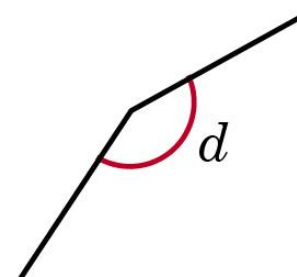
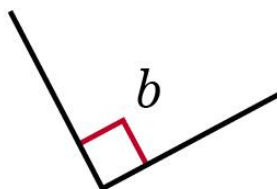
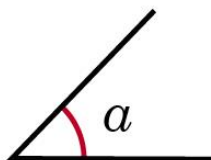


5 Order the angles from greatest to smallest.

a)

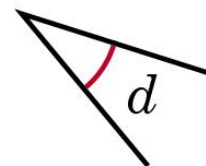
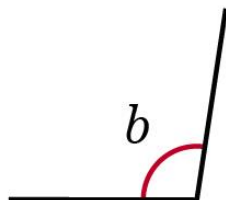
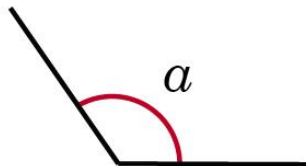


b)

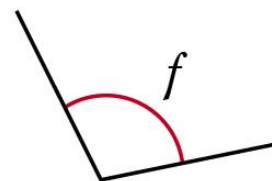
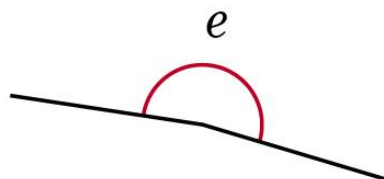
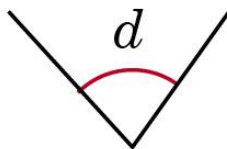
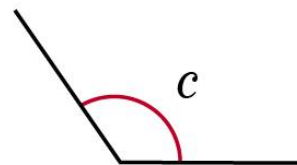
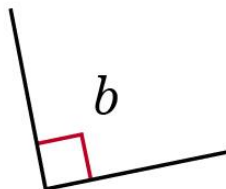


5

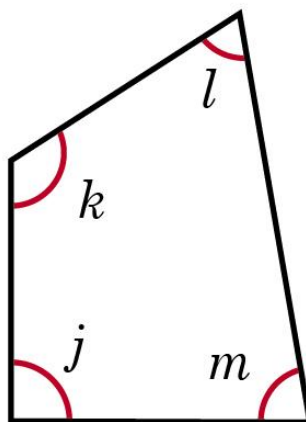
c)



- 6 Compare and order the angles from smallest to greatest.



- 7 Four angles are labelled in the quadrilateral.



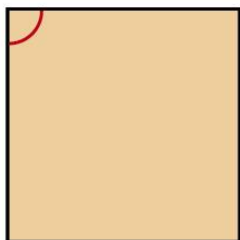
- a) Which of the angles are acute angles? _____
- b) Which of the angles are obtuse angles? _____
- c) Write the angles in order of size, starting with the smallest.



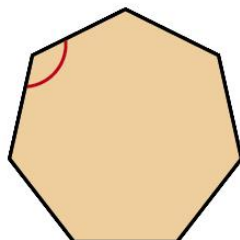
8

An interior angle is marked in each polygon.

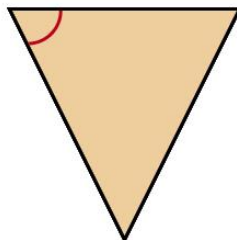
A



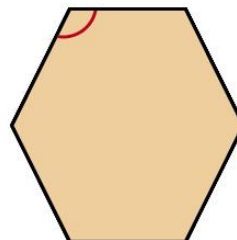
B



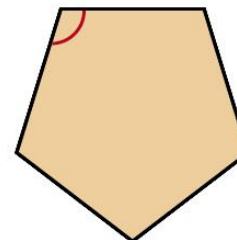
C



D



E



Order the interior angles of the polygons from smallest to greatest.

What do you notice about the number of sides a polygon has and the size of its interior angle?

