Compare and order angles

1 Here are two angles.

a) Which angle is obtuse? _____

b) Which angle is acute? _____

c) Which angle is greater? _____

How do you know?

2 Here are two angles.

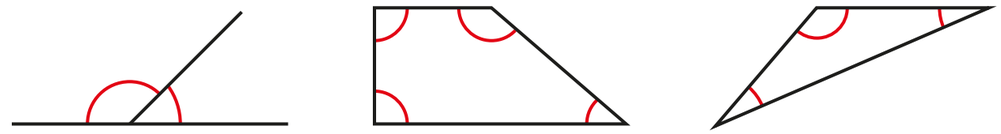
a) What type of angle is angle x? _____

b) What type of angle is angle y? _____

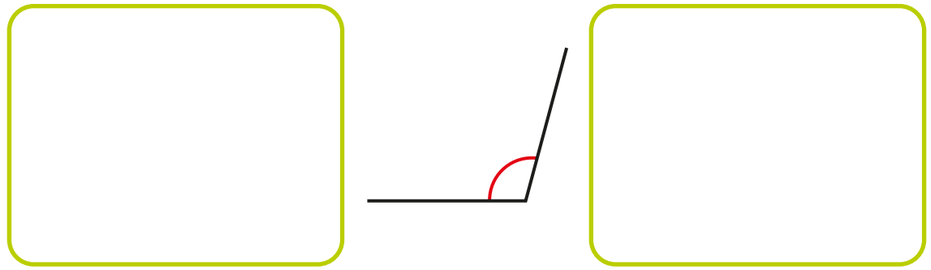
c) Which angle is smaller? _____

How do you know?

3 Circle the greatest angle in each diagram.



4 Here is an angle.



a) Draw a smaller angle in the box on the left.

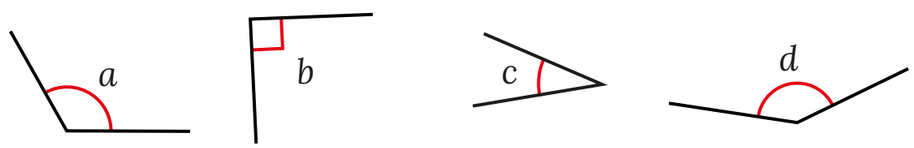
b) Draw a greater angle in the box on the right.

c) Are the statements true or false?

The angle on the left must be acute.	_____
The angle on the right must be obtuse.	_____

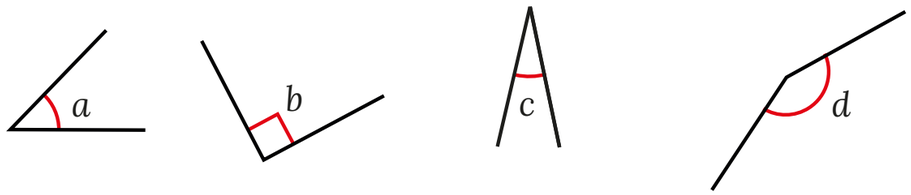
5 Order the angles from greatest to smallest.

a)

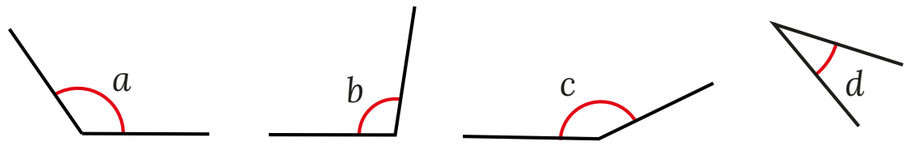


_____

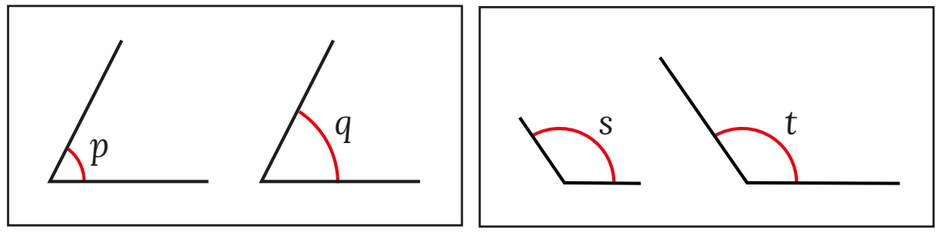
b)

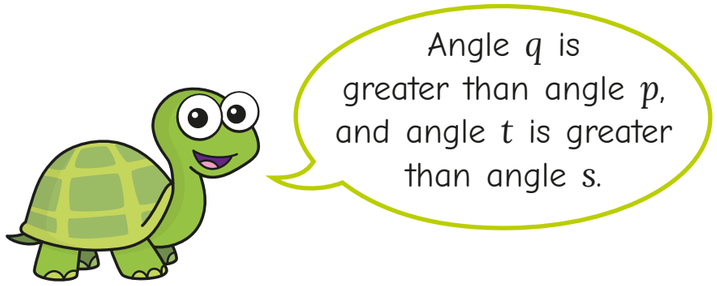


c)



6 Tiny is comparing angles.

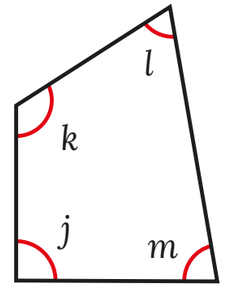




Do you agree with Tiny? _____

Talk about your answer with a partner.

7 Four angles are labelled in the quadrilateral.



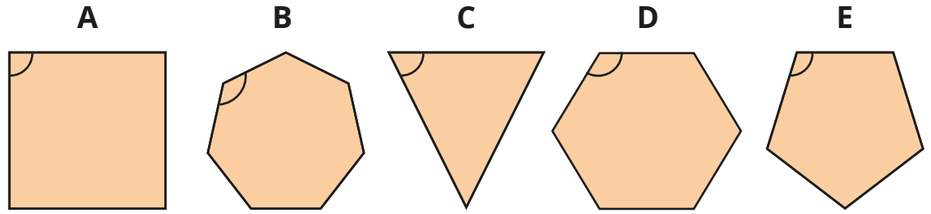
a) Which of the angles are acute angles? _____

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.



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?