1 Here are two angles.

A   B

a) Which angle is obtuse?

b) Which angle is acute?

How do you know?

2 Here are two angles.

X   Y
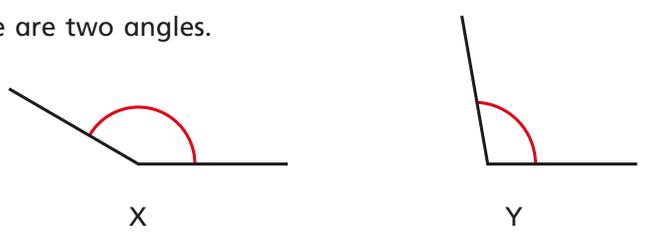
a) What type of angle is angle X?

b) What type of angle is angle Y?

c) Which angle is smaller?

How do you know?

3 Which is the greatest angle in each diagram?
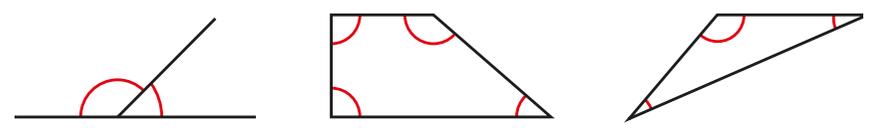
4 Here is an angle.
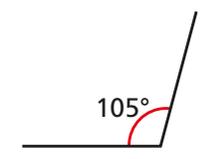
105°

a) Draw a smaller angle than 105° on the left.

b) Draw a greater angle than 105° 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)

a b c d

b)

a b c d

c)

a b c d

4 Here is an angle.

105°

a) Draw a smaller angle than 105° on the left.

b) Draw a greater angle than 105° 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)

a   *b*   *c*   *d*

b)

a   *b*   *c*   *d*

c)

a   *b*   *c*   *d*
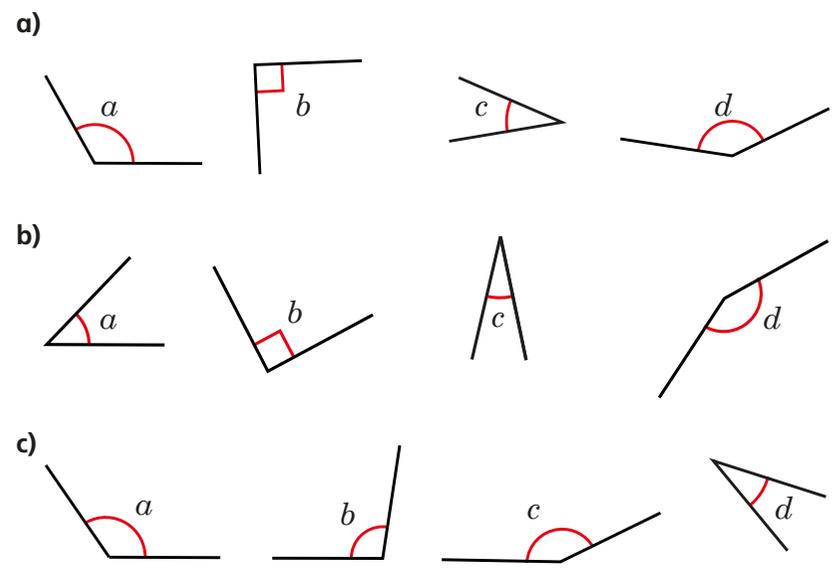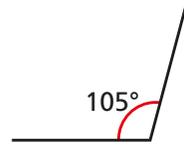
6 Compare and order the angles from smallest to greatest.

a   *b*   *c*

d   *e*   *f*
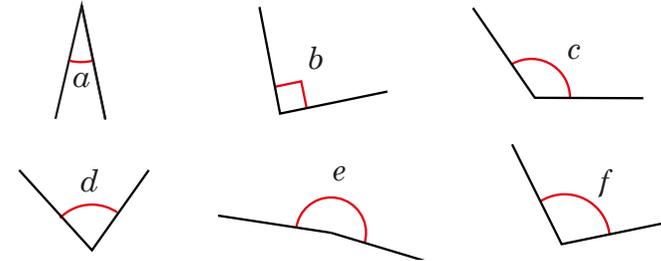
7 Four angles are labelled in the quadrilateral.

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.

l   *k*   *j*   *m*
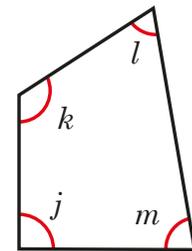
8 An interior angle is marked in each polygon.

A   B   C   D   E
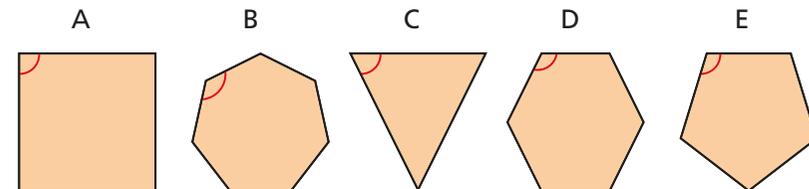
Order the interior angles of the polygons from smallest to greatest.

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