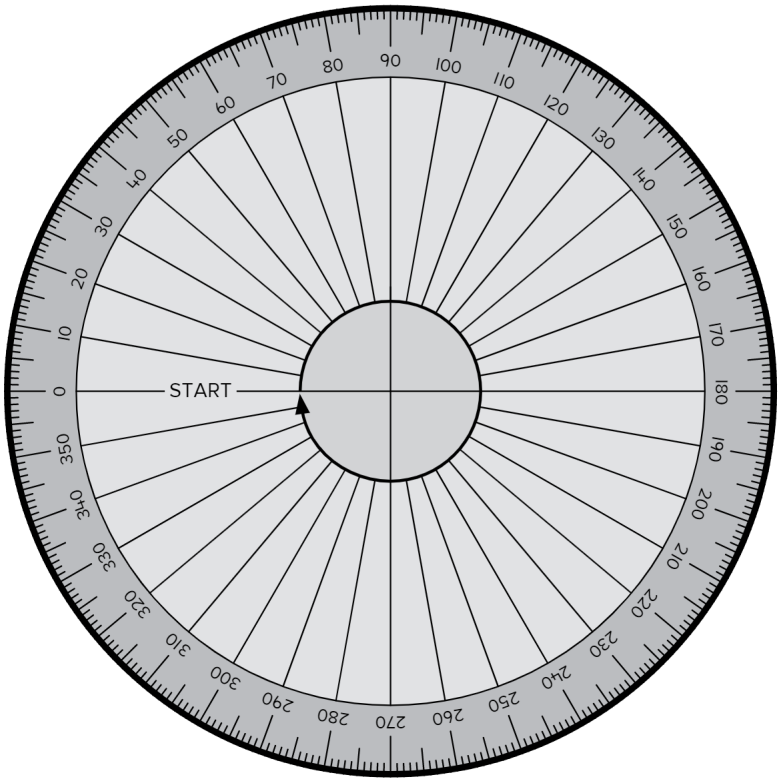
Name

Step In Introducing Protractors and Degrees

One full turn around a point can be divided into 360 parts.

Each part is called a **degree** and is $\frac{1}{360}$ of a full turn.

> The symbol ° is used for degree. One full turn around a point is 360°.



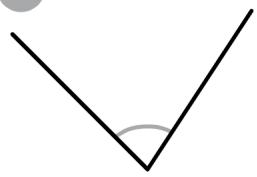
Look at the protractor on the right.
A protractor is a tool used to measure angles.

Follow these steps to use your protractor.

1

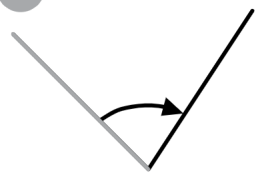
Identify the angle arms and rotation point.

2



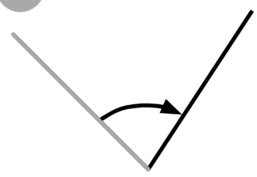
Choose which angle to measure. There are two possible choices.

3



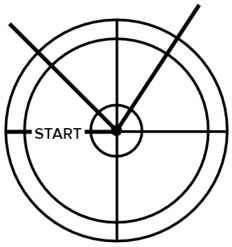
Visualise which angle arm has to move clockwise to the other to show the amount of turn.

4



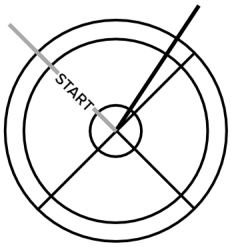
Estimate the amount of turn, for example, is it more or less than 90 degrees?

5



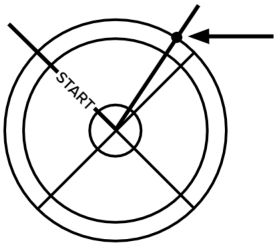
Place the centre of the protractor on the rotation point of the angle.

6



Place the protractor's START line on the angle arm that you imagine moving to the other.

7



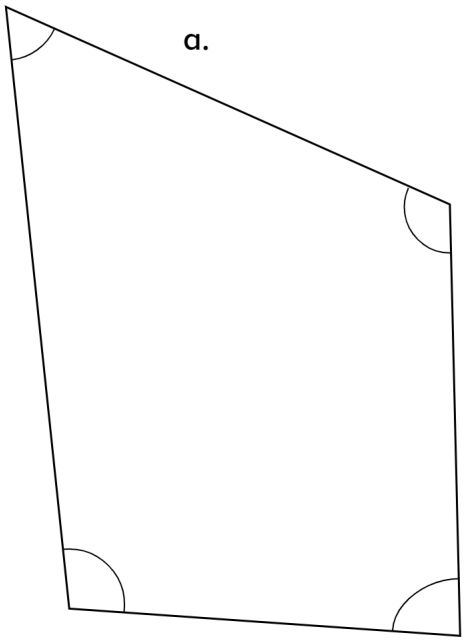
Find the protractor mark that lies on top of the second angle arm.

Name

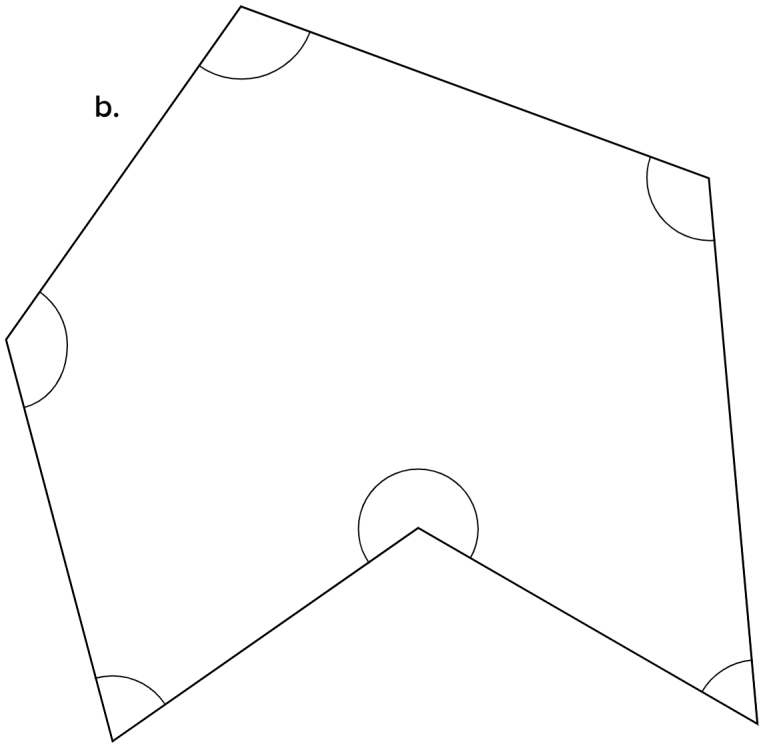
Step Up

Use a protractor to measure and label the inside angles of each shape.

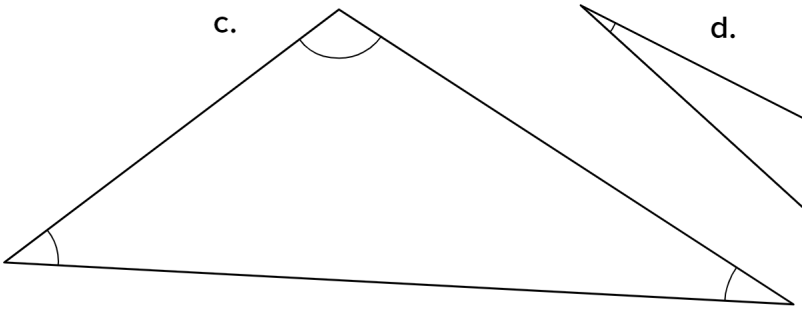
a.



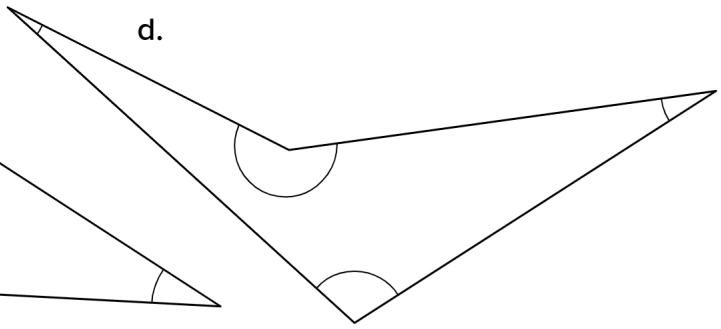
b.



c.



d.



Step Ahead

a. Draw two connecting line segments that show an angle of 60° between them.

b. What fraction of a full turn is 60°?