

YEAR 8 GEOMETRY

Identifying and Measuring Angles in Diagrams

Types of angles:

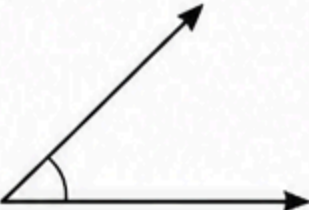
Acute
(less than 90°)


Right
(exactly 90°)


Obtuse
(greater than 90° but less than 180°)

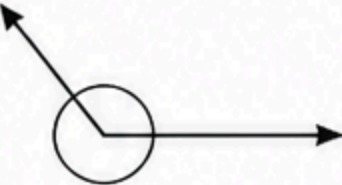

Reflex
(greater than 180° but less than 360°)


1. Identify the type of each angle.
Choose from: **acute, right, obtuse, reflex.**

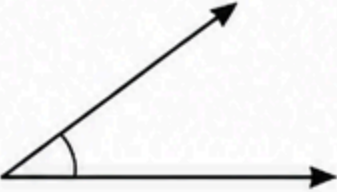
a)


b)


c)


d)


2. Measure each angle using a protractor.
Write your measurement in degrees.

a)

Angle = _____°

b)

Angle = _____°

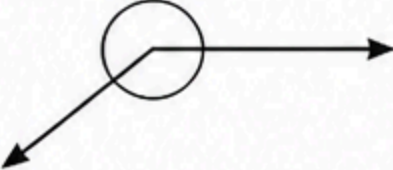
c)

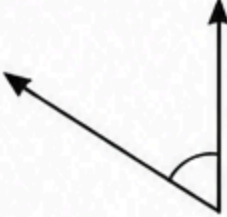
Angle = _____°

3. For each angle below, measure the size and then write the type of angle.

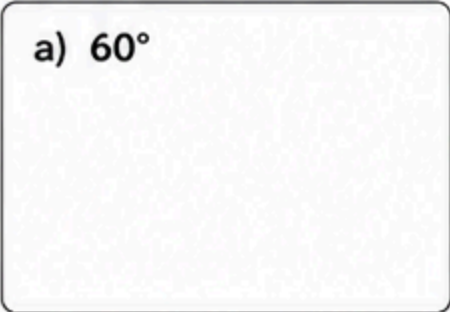
a)

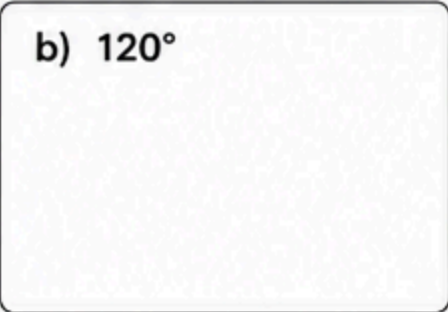
Size = _____°
Type = _____

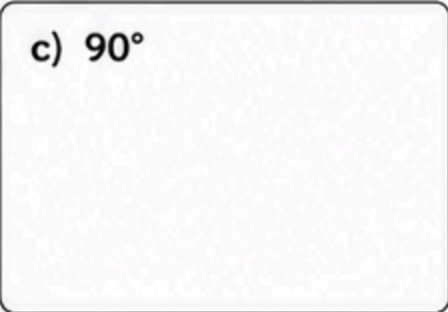
b)

Size = _____°
Type = _____

c)

Size = _____°
Type = _____

4. Draw an angle of the given size in the space provided.
Use a protractor to help you.

a) 60°


b) 120°


c) 90°


d) 210°
