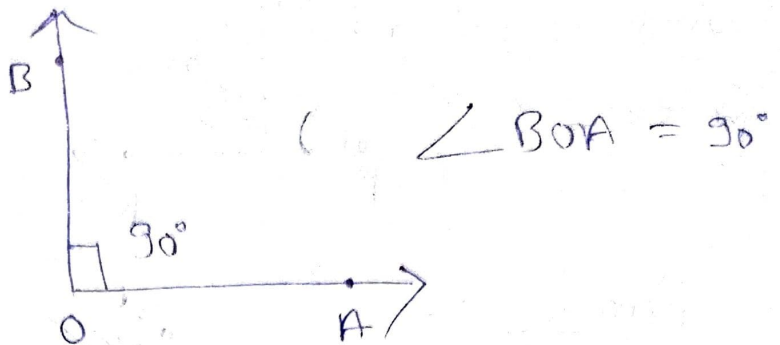
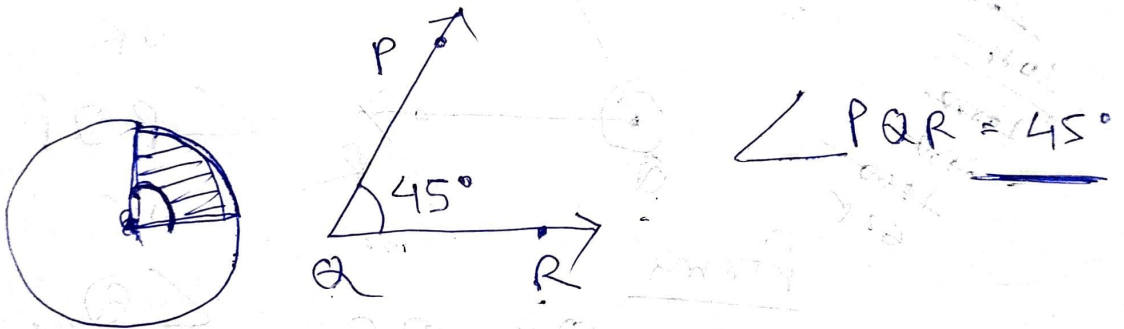


Shapes & Angles

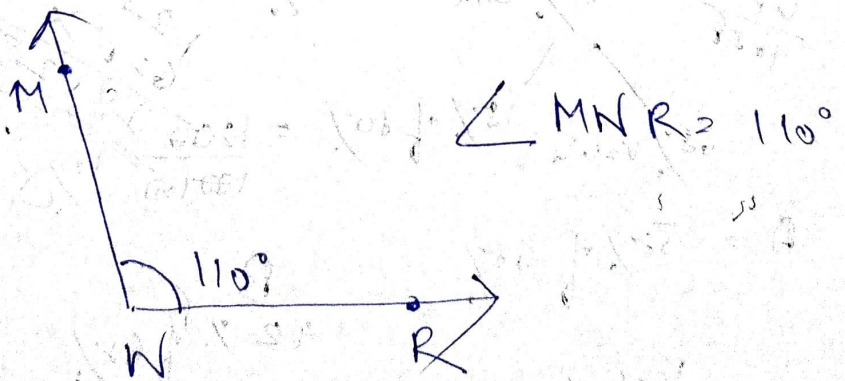
Right angle :- An angle is called a right angle if its measure is 90° .



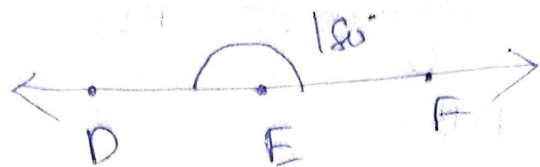
Acute angle :- An angle is called acute if its measure is more than 0° but less than 90° .



Obtuse angle :- An angle is called obtuse angle if its measure is more than 90° but less than 180° .

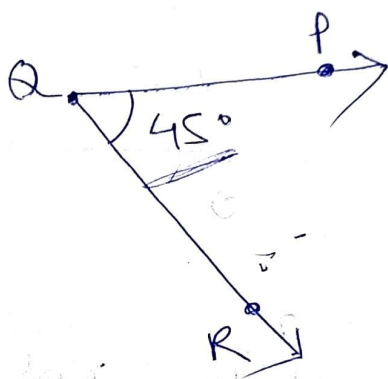
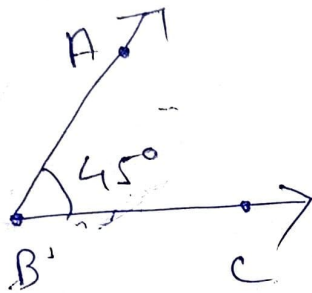


Straight angle :- An angle is called a straight angle if its measure is 180° .



$$\angle DEF = 180^\circ$$

Equal Angles :- Two angles are called equal if their measures are equal.



Questions

1) Pick acute, obtuse or right angle from the following :-

26° , 112° , 90° , 56° , 170° , 91° .

2) Give real life examples of a line, line segment and ray.

3) Which of the following has a definite length?

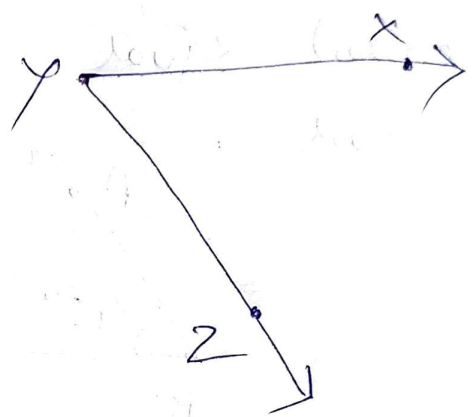
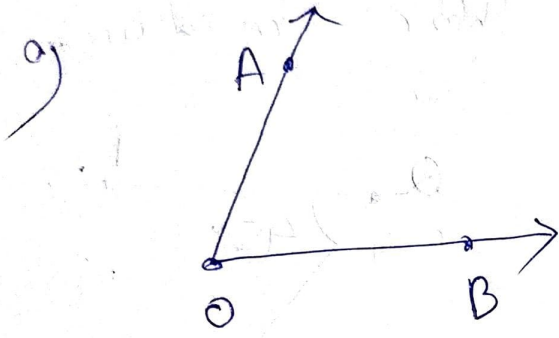
a) Ray b) Line Segment c) Line

4) Write the following in symbols :-

- a) Straight line EF
- b) Line segment AB
- c) ray AB.



5) Write the vertex and arms of the following angles :-



6) Give real life examples of acute angle, obtuse angle & right angle, straight angle.