

MATHEMATICS GEOMETRY WORKSHEET

1. Make an angle with two strings. By moving the strings, make at least 5 angles – 3 acute, 2 obtuse and write their values.
2. Make one acute angle with thread/ stick. Stick the angle on paper. Measure the interior angle and the reflex angle
3. Make one obtuse angle with thread/ stick. Stick the angle on paper. Measure the interior angle and the reflex angle
4. Draw the angle for the given measure of angles using a protractor and name the type of angles.

(a) 360°

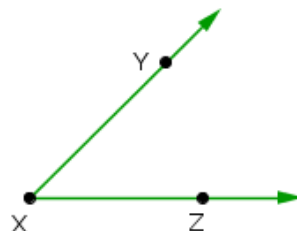
(b) 60°

(c) 0°

(d) 135°

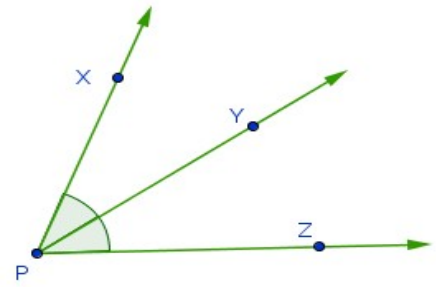
5. Which is the correct notation for angle X ?

- (a) $\sphericalangle X$
- (b) $\sphericalangle XYZ$
- (c) $\sphericalangle ZXY$
- (d) $\sphericalangle YXZ$

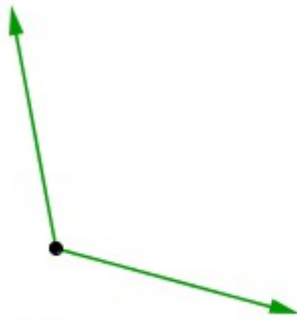


6. Which of the following is equal to angle P ?

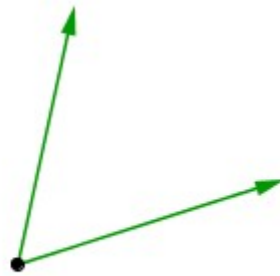
- (a) $\angle P$
- (b) $\angle ZPY$
- (c) $\angle YPX$
- (d) $\angle ZPX$



7. Arrange the angles from small to big.



(a)



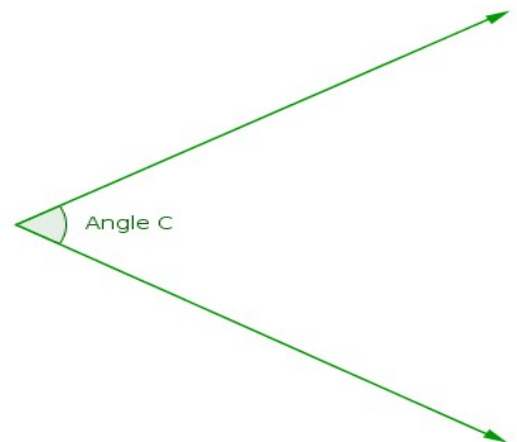
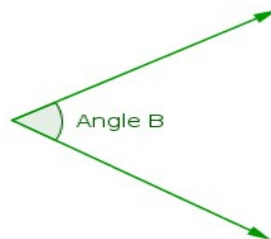
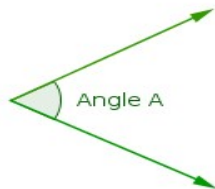
(b)



(c)

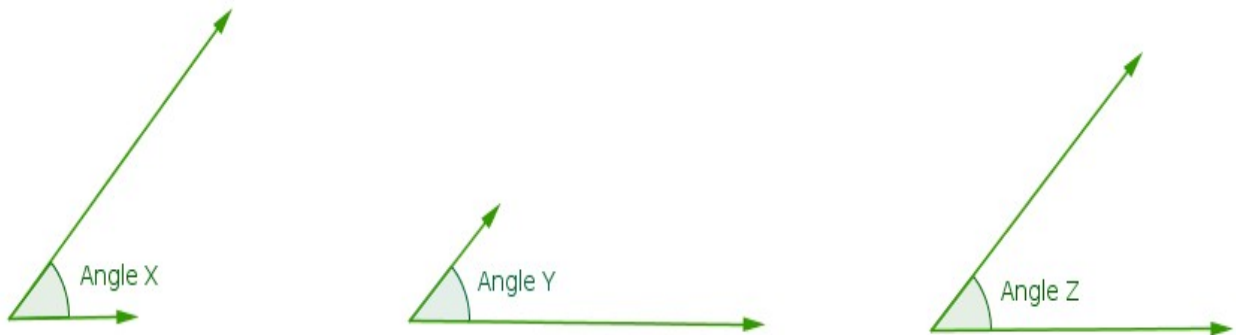
8.) Which of the following statements are true?

- (a) Angle A < Angle B
- (b) Angle B > Angle C
- (c) Angle A = Angle B
- (d) Angle C > Angle A
- (e) Angle C = Angle A
- (f) Angle A is the smallest angle
- (g) Angle C is the largest angle



9.) Say true or false :-

- 1.) Angle X is greater than angle Z
- 2.) Angle Z is greater than angle Y
- 3.) Angle X is same as Angle Y and Angle Z
- 4.) Angle Y is less than angle X



10. Name the angles in the given figure measure the angles using Protractor.

