



Grade 7

Mathematics

1 ½ hours

14 - Rectilinear Plane Figures

01) Fill in the blanks.

- 1) A closed plane figure bounded by three or more straight line segments is called a
- 2) Polygon with three sides are
- 3) Polygons with sides are pentagons
- 4) The of a polygon are named using capital letters of the English alphabet.
- 5) In a polygon, the number of sides and the number of angles are both equal to the number of.

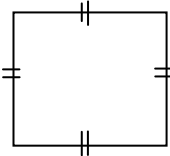
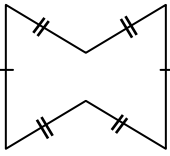
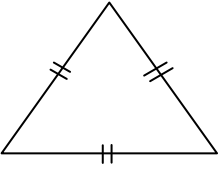
02) Draw a concave polygon with / reflex angle, with 2 reflex angles and with 3 reflex angles.

03) Complete the table.

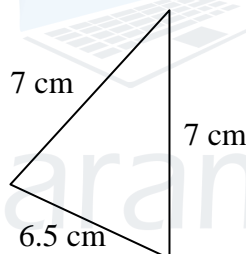
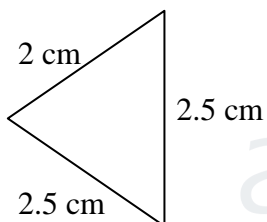
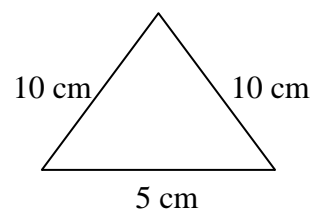
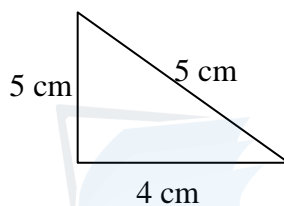
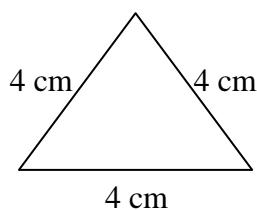
Figure	Concave / Convex	Regular or not
a)		
b)		
c)		
d)		

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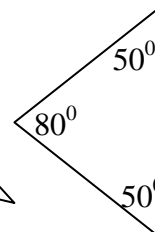
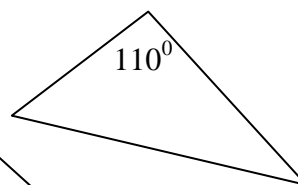
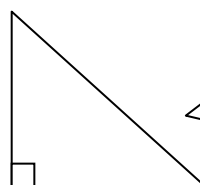
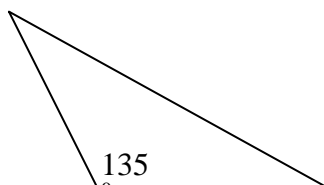
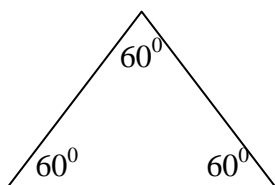
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<p>e)</p> 		
<p>f)</p> 		
<p>g)</p> 		

04) Examine the below given triangles and write the type of them.



05) Classify each of the triangles as an acute angled triangle, right angled triangle or an obtuse angled triangle.



06) Do the following by considering the given figure.

- 1) Name 2 isosceles triangles.
- 2) Name 4 right angled triangles.
- 3) Name 2 scalene triangles.

