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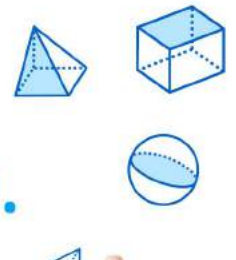

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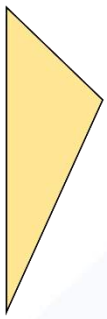
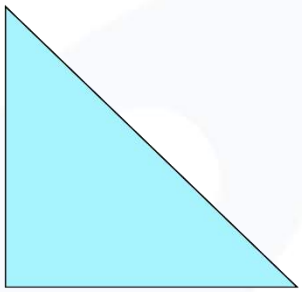
# 4th Grade Geometry Worksheets

1. State if the following angles are acute, obtuse, right or straight

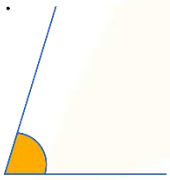
   a) 180 degree  b) 65 degree

2. Classify the triangles as scalene, isosceles, equilateral or right angled triangle.

a. 

b. 

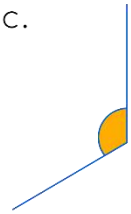
3. Classify the following angles as acute, obtuse, right or straight angles.

a. 

_____

b.

_____

c. 

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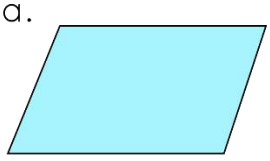
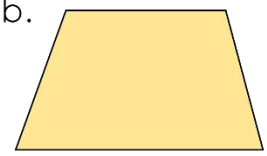
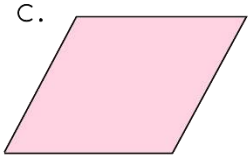
4. Classify the quadrilaterals as rectangle, square, parallelogram, rhombus or trapezoid.

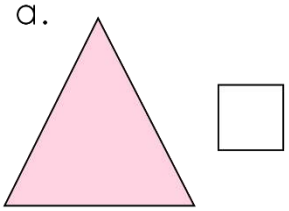
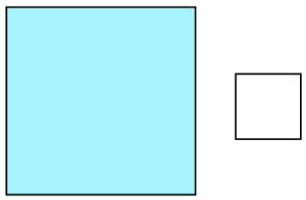
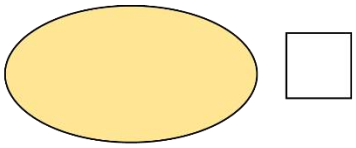
a. 

b. 

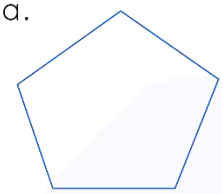
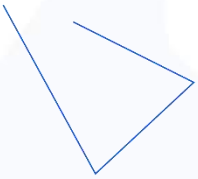
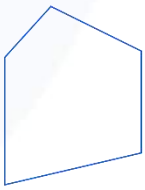
c. 

5. Construct the following angles
   a) 30 degree  b) 60 degree

6. Mark with a 'Y' for the ellipse among the given figures?

a.  b.  c. 

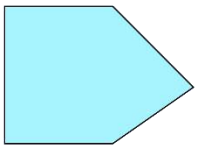
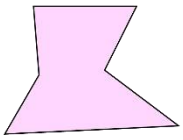
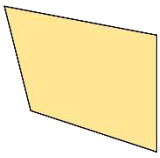
7. Which of the following are polygons?

a.  b.  c. 

8. How many edges does a cube have?

9. Which solid shape does the earth resemble?
   a) cone  b)sphere

10. Classify each of them as convex or concave polygons

a.  b.  c. 

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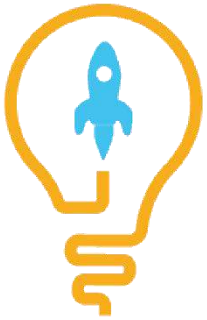


# ANSWERS

| | |
|---|---|
| 1) | 1. a) Straight b) Acute |
| 2) | 2. a) Scalene b) Right triangle |
| 3) | 3. a) Acute b) Acute c) Obtuse |
| 4) | 4. a) Parallelogram<br>b) Trapezoid<br>c) Rhombus |
| 5) | 5. Construct the angles using protractor |
| 6) | 6. c) - Y |
| 7) | 7. a) and c) |
| 8) | 8. 12 edges |
| 9) | 9. b) Sphere |
| 10) | 10. a) Convex b) Concave c) Convex |

1. a) Straight angle  b) Acute angle

2. a) All the three sides are of different measures hence, scalene triangle
   b) The triangle has one 90 degree angle hence, right angled triangle

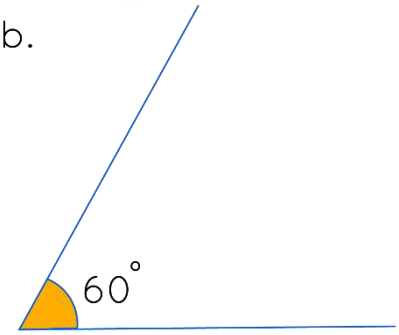
3. a) Acute angle  b) Acute angle  c) Obtuse angle

4. a) Parallelogram, as opposite sides are equal and parallel
   b) Trapezoid as one pair of opposite sides are parallel
   c) Rhombus, as opposite sides are parallel with equal adjacent sides

5.

a.

b.




6. Figure c) is an ellipse. Hence, c) - Y

7. a) and c) are polygons as they are closed structures made up of line segments

8. A cube has 12 edges

9. b) Sphere since, the earth exhibits a circular shape

10. a) Convex since all the angles are lesser than 180 degree
b) Concave as it has two angles greater than 180 degree
c) Convex since all the angles are lesser than 180 degree

## FUN FACT

1. Did you know walking on a straight road forms a 180° angle?

2. The sum of angles of a triangle is equal to 180°

3. The letter 'L' forms a 90° between it's standing and sleeping line.