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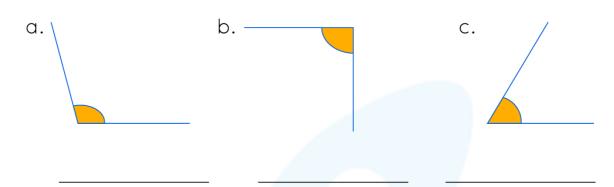
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4th Grade Geometry Worksheets

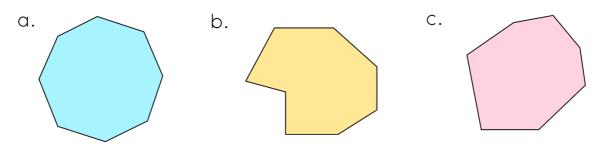
1. Classify the following angles as acute, obtuse, right or straight angles.



2. Which of the following are polygons?

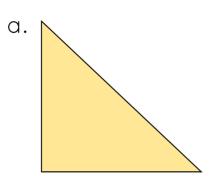


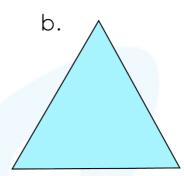
- 3. State if the following angles are acute, obtuse, right or straight.
 - a) 91 degree b) 128 degree
- 4. Classify each of them as convex or concave polygons



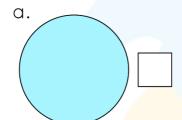


- 5. Construct the following angles.
 - a) 75 degree b) 155 degree
- 6. Classify the triangles as scalene, isosceles, equilateral or right angled triangle.

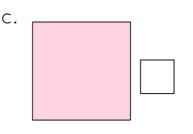




7. Mark with a 'Y' for the circle among the given figures?



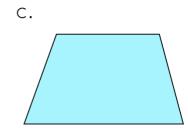




- 8. How many vertices does a cuboid have?
- 9. Classify the quadrilaterals as rectangle, square, parallelogram or trapezoid.







10. Which solid shape does an ice cream resemble?a) cuboid b) cone



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She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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ANSWERS

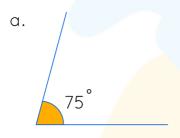
1)	a) Obtuse b) Right c) Acute
2)	b) is a polygon
3)	a) Obtuse b) Obtuse
4)	a) Convex
	b) Concave
	c) Convex
5)	. Construct the angles using
	protractor
6)	a) Right angled b)
	Equilateral
7)	a) - Y
8)	8 vertices
9)	a) Rectangle
	b) Square
	c) Trapezoid
10)	a) Cone



Solution:

- 1. a) Obtuse angle b) Right angle c) Acute angle
- 2. b) is a polygon as it is a closed figure made up of line segments
- 3. a) Obtuse angle b) Obtuse angle
- 4.a) Convex since all the angles are lesser than 180 degree
 - b) Concave as it has one angle greater than 180 degree
 - c) Convex since all the angles are lesser than 180 degree

5.



b. 115°

- 6.a) Right angled triangle as it has a 90 degree
 - b) Equilateral triangle as all the three sides are equal
- 7. Figure a) is a circle. Hence, a) Y
- 8. There are 8 vertices in a cuboid.



- 9. a) Rectangle since opposite sides are parallel and equal with all the angles equal to 90 degreeb) Square since all the sides are equal and opposite
 - b) Square since all the sides are equal and opposite sides are parallel with all the angles equal to 90 degree
- c) Trapezoid as one pair of opposite sides are parallel
 - 10. b) Cone since, an ice cream cone is conical in shape.



FUN FACT

- 1. Did you know walking on a straight road forms a 180° <u>angle</u>?
- 2. The sum of angles of a <u>triangle</u> is equal to 180°
- 3. The letter 'L' forms a 90° between it's standing and sleeping line.

