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For Grades 1 - 10



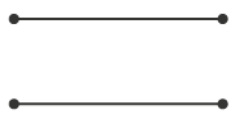
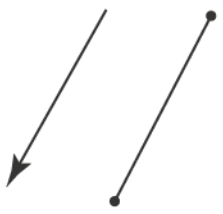
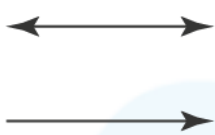

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## 2<sup>nd</sup> Grade Geometry Worksheets

1) Match.

Column A	Column B
<p>a) </p>	(i) A line and a ray
<p>b) </p>	(ii) Line segments
<p>c) </p>	(iii) A line and a line segment
<p>d) </p>	(iv) A ray and a line segment

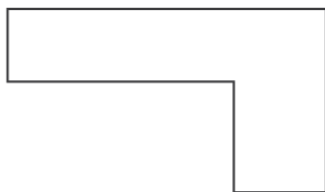
2) Tick True or False.

A point is represented by a small dot.

True

False

3) Look at figure and tick yes or no.



(i) Is it a closed figure?

Yes

No

(ii) Is it made up of line segments?

Yes

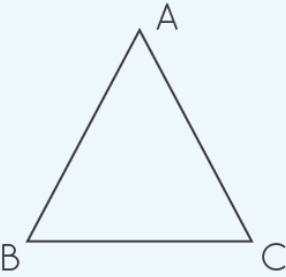
No

(iii) Is it a polygon?

Yes

No

4) Fill the blanks.

Figure	Total number of line segments	Name of the corners	
	<div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div> <p style="text-align: center;">i</p>	<div style="border: 1px solid black; width: 100px; height: 25px; margin: 0 auto;"></div> <p style="text-align: center;">ii</p>	$\overline{AB} = \overline{BC}$ <div style="border: 1px dashed black; width: 40px; height: 20px; display: inline-block; margin-right: 10px;"></div> Yes <div style="border: 1px dashed black; width: 40px; height: 20px; display: inline-block; margin-right: 10px; margin-top: 10px;"></div> No <p style="text-align: center;">iii</p>

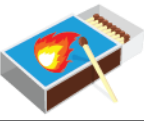
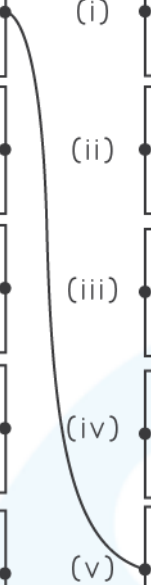
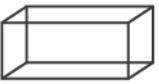

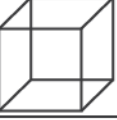

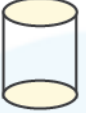




5) Look at the picture below. Then Answer the questions that follow.



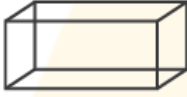




(i) Write the name of the solid shapes the objects in the picture resemble.

(ii) If the faces of these solid shapes are traced, which plane shapes will they resemble?

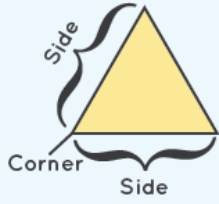


6) Match each object to the solid shape it resembles.

	Column A		Column B
(a)			(i) 
(b)			(ii) 
(c)			(iii) 
(d)			(iv) 
(e)			(v) 

7) Write the names of two everyday objects that each solid shape resembles.

	Solid Shape	Object 1	Object 2
(a)		<input type="text" value="Pencil Box"/>	<input type="text" value="Match Box"/>
(b)		<input type="text"/>	<input type="text"/>
(c)		<input type="text"/>	<input type="text"/>
(d)		<input type="text"/>	<input type="text"/>
(e)		<input type="text"/>	<input type="text"/>

8) Fill the table.



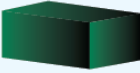


Plane shape	Number of Straight lines	Number of corners	Number of sides	Type of Figure
				
				
				

9) Write two properties of Cuboid.

(i)

(ii)

10) Rearrange the letters to get the name of a solid shape.

	Column A	Column B
a)	BUCE - <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="CUBE"/>	
b)	BUCODI - <input style="border: 1px dashed black; width: 60px; height: 15px;" type="text"/>	
c)	OCNE - <input style="border: 1px dashed black; width: 60px; height: 15px;" type="text"/>	
d)	YLCIRNDE - <input style="border: 1px dashed black; width: 60px; height: 15px;" type="text"/>	
e)	EPERSH - <input style="border: 1px dashed black; width: 60px; height: 15px;" type="text"/>	

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- Barbara Cabrera

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**ANSWERS**

1)	a) ii b) iv c) i d) iii
2)	True
3)	i) Yes ii) Yes iii) Yes
4)	i) 3 ii) A, B, C iii) Yes
5)	i) Cone, Sphere, Cuboid, Cylinder, and Cube.  ii) Triangle, Circle, Rectangle, and Square.
6)	a) v b) i c) ii d) iv e) iii



7)	a) Pencil Box, Match Box b) Rubik's Cube, Dice c) Ball, Globe d) Cap, Funnel e) Cell, Water Bottle
8)	a) 3, 3, 3, Close Shape b) 0, 0, 0, Close Shape c) 4, 4, 4, Close Shape
9)	i) It has 6 sides known as Faces. ii) Each face is in the shape of rectangle.
10)	a) Cube b) Cuboid c) Cone d) Cylinder e) Sphere



## FUN FACT

1. Geometry is a branch in mathematics that deals with all forms of shapes and other construction.
2. Geometry (from the Ancient Greek: γεωμετρία; geo- "earth", -metron "measurement") is a branch of mathematics.
3. In geometry a circle is a shape that does not have any sides or corners.

