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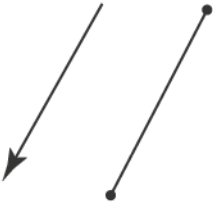

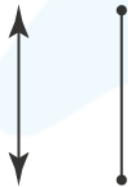
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Geometry Worksheets

1) Match.

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

2) Tick True or False.

A point is represented by a small dot.

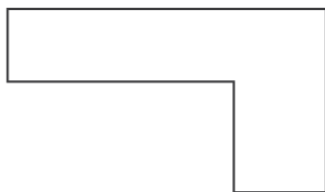
☐

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?

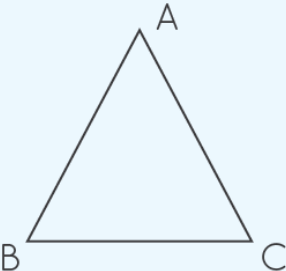




☐

Yes

☐

No

4) Fill the blanks.

Figure	Total number of line segments	Name of the corners	
	 i	 ii	$\overline{AB} = \overline{BC}$  Yes  No iii

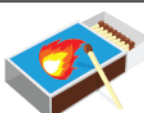
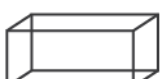

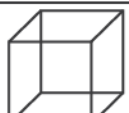

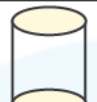




5) Look at the picture below. Then Answer the questions that follow.



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

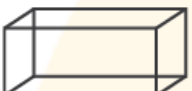




(ii) If the faces of these solids shapes are traced, which plane shapes will they resemble?

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

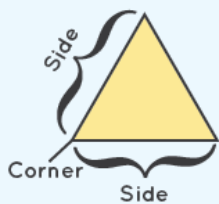

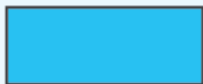
	Column A		Column B
(a)		(i)	
(b)		(ii)	
(c)		(iii)	
(d)		(iv)	
(e)		(v)	

A line connects the matchbox in Column A (a) to the rectangular prism in Column B (i).

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

	Solid Shape	Object 1	Object 2
(a)		Pencil Box	Match Box
(b)			
(c)			
(d)			
(e)			

8) Fill the table.



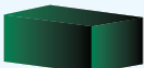


Plane shape	Number of Straight lines	Number of corners	Number of sides	Type of Figure
				
				
				

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 type="text" value="CUBE"/>	
b)	BUCODI - <input type="text"/>	
c)	OCNE - <input type="text"/>	
d)	YLCIRNDE - <input type="text"/>	
e)	EPERSH - <input type="text"/>	

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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.

