

ATHENA GLOBAL SCHOOL

**GRADE: VI**

**SUB: MATHS**

## CH.4 BASIC GEOMETRICAL IDEAS

DATE: 02/09/2021

## LIVE WORKSHEET-2

1. How many end points a line have?

(a) 1 (c) 2

(b) 0 (d) 3

2. The end points of the same side of a polygon are called the \_\_\_\_\_ vertices.

(a) Same (c) different

(b) Parallel (d) adjacent

3. \_\_\_\_\_ are made when corners are formed.

(a) angles (c) ray

(b) line (d) line segment

4. How many lines can pass through two given points?

(a) 1 (c) 3

(b) 2 (d) Infinite

5. How many vertices are there in a hexagon?

(a) 5 (c) 7

(b) 6 (d) 8

6. How many diagonals are there in a pentagon?

(a) 2 (c) 4

(b) 3 (d) 5

7. How many lines can pass through one point?

(a) 0 (c) 5

(b) 1 (d) Infinite

8. The lines which do not intersect and have equal distance between them are

called:

(a) parallel lines (c) intersecting lines

(b) perpendicular lines (d) straight lines

9. The point at which two lines cross each other is called:

(a) point of intersection (c) parallel lines

(b) point of concurrence (d) concurrent lines.

10. The number of diagonal(s) in a triangle are:

(a) 3 (c) 0

(b) 2 (d) 1