

CLASS - IX
MATHEMATICS.

HOLIDAY H.W FOR AUTUMN BREAK

1. CHAPTER - 8 - QUADRILATERALS & Chapter - 9
ACTIVITY - 1. To explore the properties with respect to diagonals of the following quadrilaterals - a Parallelogram, a Square, a Rectangle, and a Rhombus.

ACTIVITY - 2. To verify that the straight line joining mid-points of any 2 sides of a triangle is parallel to the third side and is equal to half of it.

ACTIVITY - 3. To verify that the ratio of the areas of a Parallelogram and a triangle on the same base and between the same parallels is 2:1.

MENSURATION
CHAPTER - 13 - SURFACE AREAS & VOLUMES

FORMULAE NOTE BOOK - to be prepared on Surface areas & Volumes of solid figures such as cube, cuboid, cylinder, cone & sphere.

STATISTICS

1. Construct a grouped frequency distribution table of heights & weights of students of class IXA or IXB or IXC.
Using that ^{data} draw a histogram & a frequency polygon.

2. Three Measures of Central tendency for ungrouped Data - Formulae to be listed.

Find the mean, median & mode for the marks obtained in SA1 of students of cl. IX A or B or C.

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