



G.D.GOENKA PUBLIC SCHOOL

Class: 9th

Subject: Mathematics

Area of $\parallel gm$ & Δ

Value based question

Date of issue: 09-06-2021

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1 For cleanliness campaign a group of students of a school decided to prepare triangular badges with slogans written in three equal parts of the badges.

- (i) How can the students divide the badges into three equal parts?
- (ii) Write two values which were exhibited by the students through this activity.

2 A farmer mahad joo has a land in the shape of a parallelogram ABCD. A government school is situated along the side AD and a factory is situated along a side DC of his land. Both the organizations want the portion ΔAED . The school management in compensation offers him the land BFC adjacent to his land such that $BF \parallel AE$. The factory offers him the land BFC along with some money in compensation. Mahad joo agreed to give his land to the school.

- (i) Is the land given to him by the government justified?
- (ii) What are the values showed by Mahad joo in giving his land to school instead of the factory?

