

SATISH CHANDRA MEMORIAL SCHOOL

CLASS-V

MATHEMATICS

CASE STUDY

CH: BE MY MULTIPLE, I'LL BE YOUR FACTOR

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To teach the value of gratitude and appreciation to the students, a school organized a 'Card Making' activity in which the students were asked to make "THANK YOU CARDS" for the people who helped them in some way. Assorted cards were made with different titles. Their numbers are given below:

T cards for teachers = 120

F cards for friends = 540

S cards for servants = 90

P cards for parents = 240

G cards for grandparents = 150

- (a) Find the LCM of all the different cards.
- (b) Find HCF and LCM of maximum and minimum number of cards.
- (c) Is the number of T cards is a factor of P cards?
- (d) Is the number of S cards is a factor of G cards?
- (e) Find the HCF of F cards and T cards?