



School : Stella Maris

Grade/Semester : 7/1

MATHEMATICS

WORKSHEET

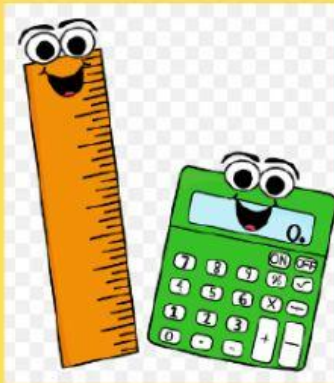
LCM & HCF

learning
objective

GRADE 7

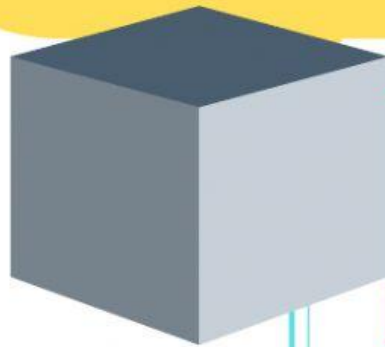
THROUGH A VIDEO SHOWN IN A ZOOM
MEETING AT THE END OF THIS CHAPTER
, STUDENTS ABLE TO

- analyze the problems involving FPB and KPK, carefully and precisely with their group friends
- Students can compare the difference between LCM and HCF word problem
- Students are able to communicate the solution of real daily problems



Instruction

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- 1 Analyze together the problems given in your group
 2. Discuss together how to solve the problems that exist in your group
 3. Write down the results of your discussion on the provided line.
 4. If your group finds it difficult to solve the problem, try asking your teacher.



Group



Scout members from grade VII, VIII, and IX of Stella Maris Junior High School attend Day Camp (Persami) , consist of 21 students from grade VII, 24 students from grade VIII, and 18 students from grade IX . For drill command event , all members are divided into groups so that grade VII, VIII, and IX are equally distributed among the group.

How do you determine the largest number of groups that can be formed ?

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Explain how many students are in each group?



The coach assigned the groups to blow the whistle following these following rules groupA every 5 minutes , group B every 6 minutes, and group C every 10 minutes

But in a certain second the whistles are heard simultaneously from all groups .

a) Do you think the three groups blow the whistle together after 20 minutes time? Explain and prove your answer !

b) in 2 hours time, how many times are the whistle sounded together by the three groups?



Some scout members are chosen randomly between 30 to 40 students as the representative . Each boy who has chosen brings 15 certificates for the closing ceremony . The certificate is shared equally among the 20 representative girls who stand up at the podium and a coach with no left over .

a)How many students are chosen in total

b)How many certificate does their form couch receive

