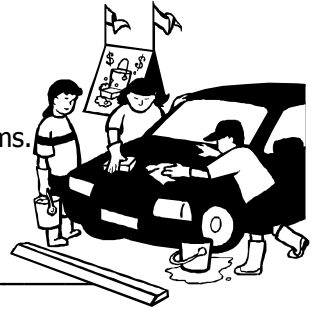


Car Wash at Scalene School

Grade 4 CMT (4th Generation) – Obj. 25: Solve extended numerical and statistical problems.



Name _____ Date _____

Scalene School is holding a car wash to raise money for a trip to Polygon Paradise. The Math Club members of Scalene School will be washing cars for 40 minutes today.

The table below shows which teams will be able to wash cars and the number of minutes long each team can work.

Teams	Length in Minutes
Team A	10
Team B	15
Team C	5
Team D	10
Team E	25
Team F	20
Team G	5
Team H	10

Use the information in the table to complete the schedule shown below. The schedule must show which teams will be washing cars and the time each team will begin so that you have exactly 40 minutes of car washing beginning at 9:00 AM.

Time that Team Begins	Name of Team
9:00	
9:40	STOP

Car Wash at Scalene School/



One Possible Solution

Scalene School is holding a car wash to raise money for a trip to Polygon Paradise. The Math Club members of Scalene School will be washing cars for 40 minutes today.

The table below shows which teams will be able to wash cars and the number of minutes long each team can work.

Teams	Length in Minutes
Team A	10
Team B	15
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Team D	10
Team E	25
Team F	20
Team G	5
Team H	10

Students MUST label answers!

<u>Time Team Begins (and Ends)</u>	<u>Team (and Number of Minutes)</u>
9:00 - 9:20	Team A: 20 minutes
9:20 - 9:40	Team F: 20 minutes
	TOTAL: 40 minutes (20 + 20)
OR	Team H (30 minutes)
	Team D (10 minutes) = 40 min
OR	Team C (5 minutes)
	Team G (5 minutes)
	Team D (10 minutes)
	Team A (20 minutes)
	Total: 40 minutes (5 + 5 + 10 + 20 = 40 minutes)
OR	Team B (15 minutes)
	Team G (5 minutes)
	Team A (20 minutes)
	Total: 40 minutes (15 + 5 + 20 = 40 minutes)