

# Car Wash

Aaron and five of his classmates are organizing a car wash to raise money for after school activities. They will be able to use some supplies that the school already owns, but they must purchase soap and sponges. The group expects to wash 100 cars. They plan to use 30 sponges.

1. Complete both charts by writing the estimated total cost for each package or container.

Sponges	Cost per Pack	Estimated Total Cost
A. Pack of 5	\$5.97	
B. Pack of 10	\$7.95	
C. Pack of 15	\$9.99	

2. Aaron expects that if they purchase the least expensive sponges, which are not as strong as the others, they will need twice the number of sponges. Write a new estimate for the cost of the least expensive sponges. \_\_\_\_\_

Soap	Cost per Container	Estimated Total Cost
1. For 5 cars	\$0.99	
2. For 10 cars	\$1.52	
3. For 20 cars	\$4.09	

3. The least expensive soap is also the least effective, and Aaron expects that they will have to use 3 times the amount. Write a new estimate for the cost of the least expensive soap. \_\_\_\_\_

4. Which packs of sponges and containers of soap should Aaron and his classmates choose? Why?

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