

Name _____

Dog Wash

Toni and four of her friends are organizing a dog wash to raise money for service dogs for people with disabilities. They will be able to use the equipment at the local dog grooming shop, but they must purchase shampoo and towels. The group expects to wash 60 dogs. They plan to use 18 towels.

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

Towels	Cost per Pack	Estimated Total Cost
A. Pack of 3	\$4.12	
B. Pack of 6	\$6.89	
C. Pack of 9	\$8.95	

Shampoo	Cost per Container	Estimated Total Cost
1. For 5 dogs	\$0.97	
2. For 10 dogs	\$1.53	
3. For 15 dogs	\$3.08	

2. Toni believes if they purchase the least expensive shampoo, they will have to use three times the amount to get the dogs clean. Write a new estimate for the cost of the least expensive shampoo.

3. The least expensive towels are not as absorbent as the others. Toni expects that they will need twice the number of towels to dry the dogs. Write a new estimate for the cost of the least expensive towels.

4. Which packs of towels and containers of shampoo should Toni and her friends choose? Why?
