



Dog Wash

What You Need

- Two number cubes (1 to 6)
- Dog Wash Spinner
- Dog Wash Budget Template
- Pencils
- Paper clip
- Calculators

How to Play

You are planning a fundraising dog wash at an animal shelter, where you have permission to use the grooming area. You'll tie a ribbon on each dog's collar after their shampoo.

You need to buy dog shampoo and ribbon. The shelter will charge \$0.50 per dog to let you use their towels.

- Play in a group of 4 to 6. Form teams.
- Each team takes turns to do the following:
 - Roll the number cubes. Multiply the numbers together. Multiply that product by 5 to determine how many dog washes you will sell.
 - Roll the number cubes again. Choose one number for how many bottles of shampoo to buy and the other number for how many rolls of ribbon.
 - Spin the spinner three times to determine
 - how much you will charge for each dog wash
 - the cost for each bottle of shampoo
 - the cost for each roll of ribbon

You can choose strategically which spin gives you which value.

- Make a budget for the dog wash.
- Determine how much money you raised, after covering all your expenses.
- Raise the most money to win the game.

Other Ways to Play

- Play multiple rounds. Score 1 point for each round won, until somebody reaches 5 points.
- Create your own version of the game. Change the situation, and adjust the budget items.



Dog Wash (continued)

Example

Mataya and Mackenzie play as a team.

They roll a 2 and a 4.

$$2 \times 4 \times 5 = 40$$

So, they will give 40 dog washes.

Then they roll a 5 and a 2.

They spin \$3, \$4.50, and \$6.50.

Here is the budget they make. It shows they would raise \$216.

How Much We Will Spend			
Item	Number	Per item	Cost
Towels	40	\$0.50	\$20
Shampoo	5 bottles	\$3.00	\$15.00
Ribbon	2 rolls	\$4.50	\$9.00
Total expenses			\$44.00
How Much We Will Collect			
Dogs washed	Cost per customer	Total raised	
40	\$6.50	\$260.00	
Amount raised	\$260.00 - \$44.00	\$216.00	

Morgan and Sawyer team up together. They roll a 1 and a 4, so they'll have only 20 customers. Then they roll a 4 and a 3.

They spin \$3.00, \$4.00, and \$7.50.

Their budget shows that they would raise \$116.

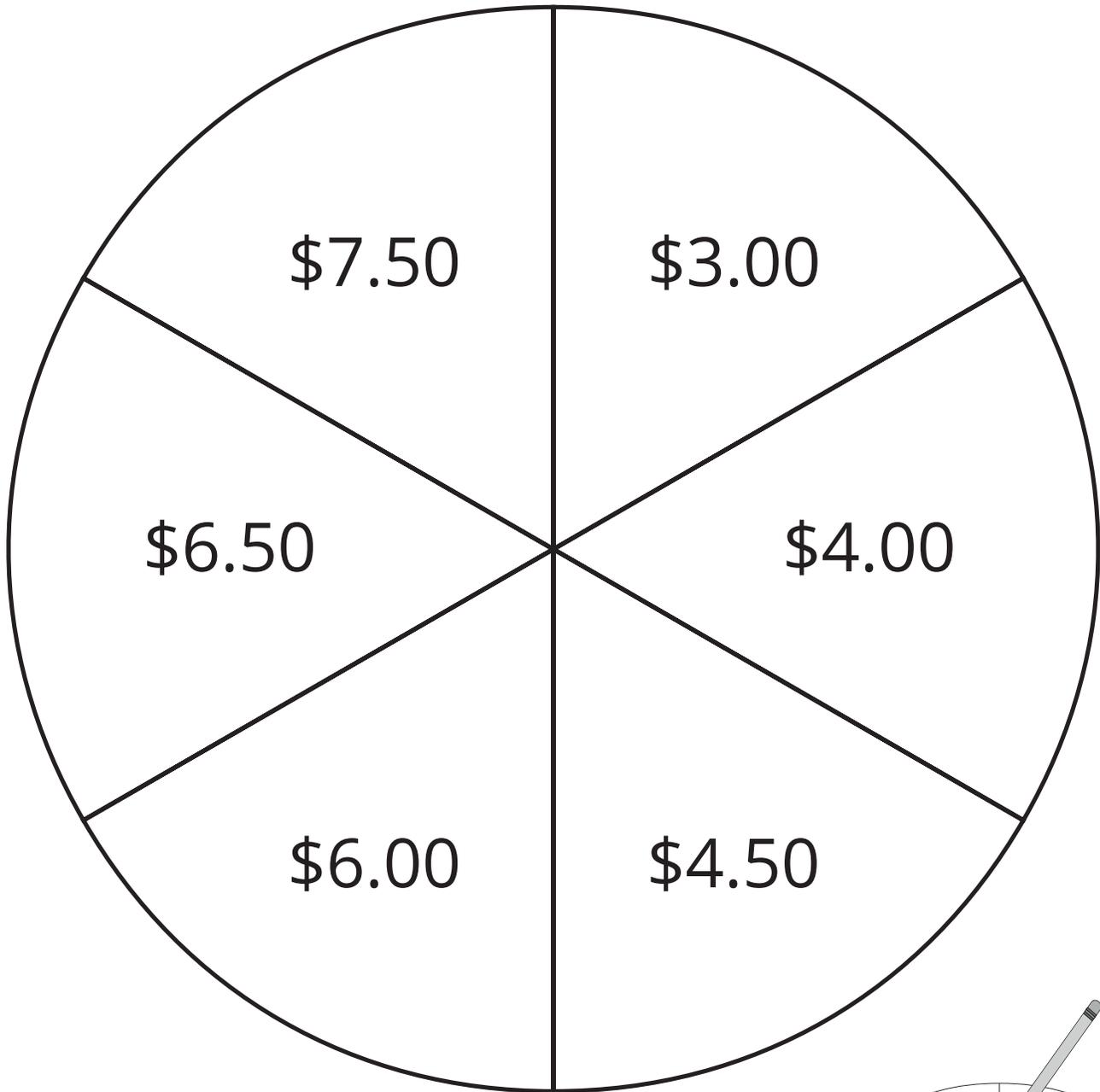
Mataya and Mackenzie win the game this time.



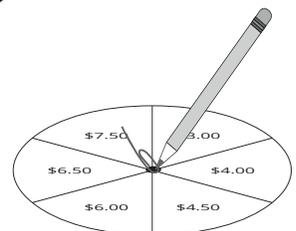
Dog Wash Spinner

Spin three times to find out

- how much you will charge for each dog wash
- the cost for each bottle of shampoo
- the cost for each roll of ribbon



These prices already include sales tax, if there is sales tax!





Dog Wash Budget Template



How Much We Will Spend			
Item	Number	Per item	Cost
Total expenses			

How Much We Will Collect		
Dogs washed	Cost per customer	Total raised
Amount raised		

How Much We Will Spend			
Item	Number	Per item	Cost
Total expenses			

How Much We Will Collect		
Dogs washed	Cost per customer	Total raised
Amount raised		



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Item	Number	Per item	Cost
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Dogs washed	Cost per customer	Total raised
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