

The background of the slide features a landscape with a field in the foreground and a dark blue horizontal band across the middle. The text is centered within this blue band.

Local Animal Shelter

3 Act Task

In September 2020, 97 neglected animals, including 47 puppies were removed from a residential property in Princeton, BC. The BC SPCA transferred the animals to various locations including Penticton, Kelowna and the Lower Mainland.



***What grabs your attention?
What do you feel?***

<https://www.castanet.net/news/Penticton/312121/Six-puppies-out-of-97-sick-and-malnourished-animals-seized-from-Princeton-property-have-died-SPCA-confirms>

Act 1:

What do you notice?

What do you wonder?

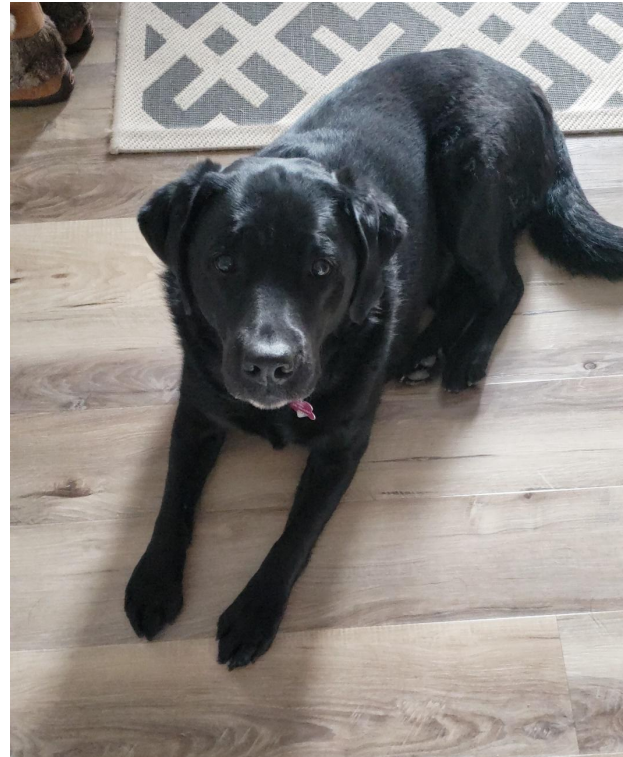


Estimate: Too Low? Too High?

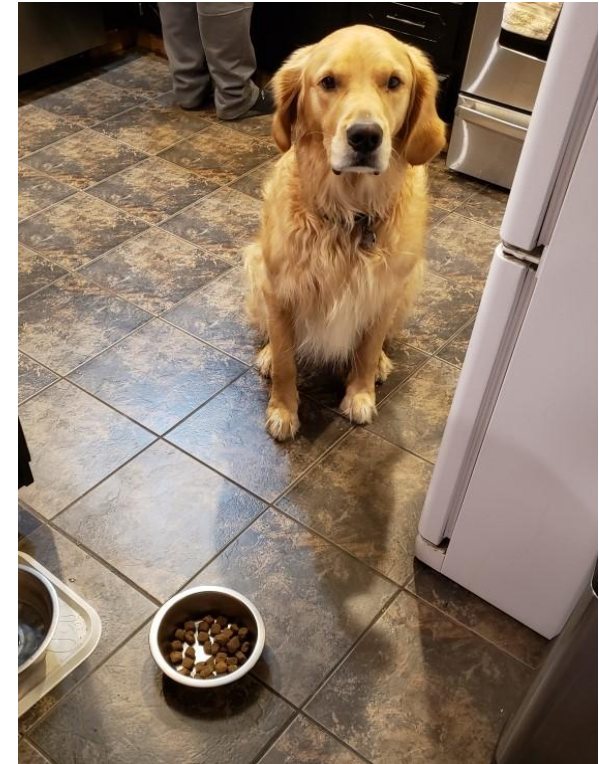
Estimate the serving size (in cups) for one meal, for each of the three different possible size of dogs that could be at the local animal shelter.



Small dog



Medium dog



Large dog

Estimates

TOO LOW

TOO HIGH

LARGE DOG

MEDIUM DOG

SMALL DOG

Act 2: Additional Information

What information do you need to solve this problem?

Weight: 11 lbs



Weight: 55 lbs



Weight: 90 lbs



Weight: 11 lbs

Meals/day: 3



Weight: 55 lbs

Meals/day: 2



Weight: 90 lbs

Meals/day: 2



Feeding Guidelines

RECOMMENDED DAILY FEEDING AMOUNTS

Weight (lbs)	Feeding Amount (cups)	Weight (kg)	Feeding Amount (grams)
3 - 12	1/3 - 1	1.4 - 5.4	40 - 119
13 - 20	1 - 1-1/3	5.9 - 9.1	119 - 158
21 - 35	1-1/3 - 2	9.5 - 15.9	158 - 237
36 - 50	2 - 2-1/4	16.3 - 22.7	237 - 267
51 - 75	2-1/4 - 3	23.1 - 34.0	267 - 356
76 - 100	3 - 3-2/3	34.5 - 45.4	356 - 434
Over 100	3-2/3 cups plus 1/4 cup for each 10 lbs of body weight over 100 lbs	Over 45.4	434 g plus 30 g for each 4.5 kg of body weight over 45.4 kg

Using a standard 8oz/250 ml measuring cup which contains approximately 119 g of Pro Plan.

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Act 3: Compare Solutions



Results

	WEIGHT	MEALS/DAY	GUIDELINES	SERVING SIZE SOLUTION
LARGE DOG				
MEDIUM DOG				
SMALL DOG				

Sequel/Extensions

- Extension 1: What is the serving size (in cups) for a dog that weighs 200lbs and eats twice a day?
- Extension 2: How many bags of dog food do you need to feed each dog for a year?
- Extension 3: What is the cost of the dog food per dog per year?
- Extension 4: Fundraising for the shelter?



Extension 1: What is the serving size (in cups) for a dog that weighs 200lbs and eats twice a day?

Feeding Guidelines

RECOMMENDED DAILY FEEDING AMOUNTS

Weight (lbs)	Feeding Amount (cups)
3 - 12	1/3 - 1
13 - 20	1 - 1-1/3
21 - 35	1-1/3 - 2
36 - 50	2 - 2-1/4
51 - 75	2-1/4 - 3
76 - 100	3 - 3-2/3
Over 100	3-2/3 cups plus 1/4 cup for each 10 lbs of body weight over 100 lbs



Using a standard 8oz/250 ml measuring cup which contains approximately 119 g of Pro Plan.

Extension 2: How many bags of dog food do you need to feed each dog for a year?

- The size of the dog food bag is 17 kgs.

Feeding Guidelines

RECOMMENDED DAILY FEEDING AMOUNTS

Weight (lbs)	Feeding Amount (cups)	Weight (kg)	Feeding Amount (grams)
3 - 12	1/3 - 1	1.4 - 5.4	40 - 119
13 - 20	1 - 1-1/3	5.9 - 9.1	119 - 158
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76 - 100	3 - 3-2/3	34.5 - 45.4	356 - 434
Over 100	3-2/3 cups plus 1/4 cup for each 10 lbs of body weight over 100 lbs	Over 45.4	434 g plus 30 g for each 4.5 kg of body weight over 45.4 kg

Using a standard 8oz/250 ml measuring cup which contains approximately 119 g of Pro Plan.

Purina ProPlan

Extension 3: What is the cost of the dog food per dog per year?

- The 17 kg bag of dog food costs \$71.99 plus tax.



What does it cost to feed a dog once it finds itself in need of care at a local animal shelter?

SIZE OF BAG

COST



HOW MANY BAGS?

COST PER YEAR

LARGE DOG

MEDIUM DOG

SMALL DOG

Extension 4: Fundraising for the shelter? Other Questions?

- What other costs do these shelters require to support the adequate care of the animals?
- In what ways can we as an individual or local community support our local animal shelter(s)?
- As a dog owner, there is the ethical question of ‘do I spend more money for high quality food’?