



Science Bite

A Trip to the Net Pens

Watch the video “A Trip to the Net Pens with Haley and Brian” and answer the following questions.

1. Each pallet weighs **600kg** and there are **30 bags** of food on each pallet. How much does each bag of food weigh? (Hint: your answer should be in kg/bag)
2. Why do they cover the food with tarps?
3. How many pink salmon are at the net pens? How many chum salmon? How many total fish?
4. How many times per day do Brian and Haley go to the net pens to feed fish? If they go every day of the week, how many times per week do they go?
5. If Brian and Haley distribute about 20 kg of food per feeding, how much food do they go through in one week? (Hint: use the number of feedings per week from the answer above)

ANSWER KEY:

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1. Each pallet weighs **600 kg** and there are **30 bags** of food on each pallet. How much does each bag of food weigh? (Hint: your answer should be in kg/bag)

Pallet = 600 kg

Pallet = 30 bags of food

30 bags of food weighs 600 kg

$$\frac{600 \text{ kg}}{30 \text{ bags}} = 20 \text{ kg/bag}$$

Each bag weighs 20kg

2. Why do they cover the food with tarps?

To keep them dry and to prevent birds from getting in.

3. How many pink salmon are at the net pens? How many chum salmon? How many total fish?

3 million pink salmon

3 million chum salmon

= 6 million total fish

4. How many times per day do Brian and Haley go to the net pens to feed fish? If they go every day of the week, how many times per week do they go?

Brian and Haley go to the net pens FIVE times per day to feed – that’s 35 times per week!

5. If Brian and Haley distribute about 20 kg of food per feeding, how much food do they go through in one week? (Hint: use the number of feedings per week from the answer above)

(20 kg of food per feeding) x (35 feedings per week) = 700 kg of food per week