

# What's for Breakfast?

Please convert these single-meal recipes into recipes that will feed our 70 jacks. I'll be checking your work so make sure you take your time. You better watch your measurement units!

—Cook



## Breakfast Menu

Item	Served per jack	Amount per jack	Question to solve for 70 jacks	Total for 70 jacks per breakfast
Sweat pads (pancakes)	6 sweat pads	9 fluid ounces of batter (128 fl oz = 1 gal)	How many gallons of batter?	(Round to the nearest tenth of a gallon.)
			How many sweat pads?	
Beans		0.2 lb	How many pounds of beans?	
Spuds (potatoes)	2 medium spuds	6 oz for 2 spuds (16 oz = 1 lb)	How many medium spuds?	
			How many pounds of spuds?	
Coffee beans		0.8 oz of beans	How many pounds of coffee beans?	
Bread	$\frac{1}{3}$ loaf	$\frac{1}{3}$ loaf	How many loaves?	(Decide how you will round this answer.)
Pork		0.5 lb	How many pounds of pork?	
Logging berries (prunes)		0.06 lb	How many pounds of prunes?	

# All Meal Supplies

The foreman is going to hire ten more men next week. We need to know how much food our current crew of 70 jacks is eating, so we can increase our food order to feed our expanded crew of 80 jacks, starting next week. We don't want to waste any food or money, so make sure you are careful.



—Cook

Item	Amount for 70 jacks per meal	Total for 70 jacks per day	Total for 70 jacks for 2 weeks	Amount per jack per day
Beans (pounds) Breakfast Lunch Dinner		(Same amount used for each meal listed.)		
Spuds (pounds) Breakfast Dinner		(Same amount used for each meal listed.)		
Coffee beans (pounds) Breakfast Lunch Dinner		(Same amount used for each meal listed.)		
Flour (pounds per day)	70 lb			
Pork (pounds) Breakfast Dinner		(Same amount used for each meal listed.)		
Logging berries (pounds) Breakfast Lunch Dinner		(Same amount used for each meal listed.)		

# More Men in Camp



You need to figure out the price difference between feeding 70 jacks and feeding 80 jacks. What data from other sheets can you use to find out this price difference? What new information will you need to find? I need this as soon as possible, so I can approve the order.

—Cook

Item	Weight per unit	Price per unit	Total for 70 jacks for 2 weeks	Number of units ordered for 70 jacks for 2 weeks	Price for 70 jacks for 2 weeks	How much is left over?
Beans	120 lb per sack	\$4.60 per sack				
Spuds	50 lb per bushel	\$0.50 per bushel				
Coffee beans	20 lb per bag	\$3.20 per bag				
Flour	196 lb per barrel	\$2.00 per barrel				
Pork	200 lb per barrel	\$10.75 per barrel				
Logging berries	50 lb per box	\$4.00 per box				

Item	Weight per unit	Price per unit	Amount per jack per day	Total for 80 jacks for 2 weeks	Number of units ordered for 80 jacks for 2 weeks	Price for 80 jacks for 2 weeks
Beans	120 lb per sack	\$4.60 per sack				
Spuds	50 lb per bushel	\$0.50 per bushel				
Coffee beans	20 lb per bag	\$3.20 per bag				
Flour	196 lb per barrel	\$2.00 per barrel				
Pork	200 lb per barrel	\$10.75 per barrel				
Logging berries	50 lb per box	\$4.00 per box				

# More Men in Camp (continued)

1. Total cost to feed 70 jacks for two weeks:

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2. Total cost to feed 80 jacks for two weeks:

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3. What is the difference:

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4. How much does it cost to feed a lumberjack for a day?

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Is it 23 cents or less?

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5. Take a look at the “How much is left over?” column on your worksheet. You calculated this amount from the order for 70 jacks. Do you think you would also have leftover food from the order for 80 jacks?

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6. The logging camp does not want to waste money. So what will the cook do with the leftover food?

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How will the leftovers change future food orders?

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