

Field Log - Design-A-Meal Answer Key

Step One: Dr. Wick has decided to create Yummy Meals to sell at his new Yummy's franchise. He wants them to have a certain level of coolness while not costing too much money. Select from 1 to 4 toys shown on the screen that will create a meal that falls into both the acceptable price range and the acceptable coolness range shown. Remember each toy can only be used in one meal. Draw a sketch of each item in the boxes below and write the price and coolness level in the space provided. After selecting the items go down the checklist.

Yummy Meal Checklist

1. What is the total cost of the meal?
2. Does the cost fall into the acceptable range of \$2.00 - \$4.00? If no, change the items in your meal and go back to number 1. If yes, continue to question 3.
3. What is the total coolness rating of the meal?
4. Does the coolness rating fall into the acceptable range of 15-20? If no, change the items in your meal and go back to number 1. If yes, your meal is complete.

Meal A		Meal B		Meal C	
Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____
Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____	Cost: ____ Fun: ____

Answers will vary in the boxes above. Each combination should result in a total cost in the given acceptable range as well as a coolness level in the given acceptable range.

Of the three meals that you designed, which would be the best idea to submit to Dr. Wick? Explain your response, using words, numbers, drawings and /or symbols.

Answers will vary. Students should select their meal plan that has the highest cost while still being within the acceptable cost range.

Next Step:

Consider the following meal plan suggested by Platypus:

Platypus Figurine (\$3.00; coolness 25),

Goon-Shaped Bookmark (\$.10; coolness -3),

Platypus keychain (\$.25; coolness 2), and

Official Wick Pen (\$.25, coolness -5).

Determine whether this meal plan would fall into the acceptable coolness and price range. Explain, using words and numbers, how you calculate the total cost and total coolness rating.

Answers will vary. Students should explain that they added all of the costs together ($\$3.00 + \$.10 + \$.25 + \$.25 = \$3.60$) and all of the cool points together ($25 - 3 + 2 - 5 = 19$) and that yes, the meal would be in the acceptable range of both price and coolness.