

The teacher will need to see all of your work. Check (x) off each one as you use it. Be sure to include the following:

- Pictures, charts, graphs, or t-tables that support your explanation
- A written explanation with detailed sentences
- The equation or number sentence
- The answer (Ask yourself: Is my answer reasonable? Why or why not?)
- The solution in more than one way or related to other situations

Teacher Use Only

Analytical Score:

Understanding N A P E

Strategy/Reasoning N A P E

Communication N A P E

Holistic Score N A P E

Name: _____ Grade: _____ Date: _____

Teacher: _____ School: _____

STIR CRAZY!

A new restaurant just opened in Albuquerque! They have a make-your-own stir-fry counter. At the counter they have the following ingredients:

Meats: chicken, beef, pork, shrimp

Vegetables: broccoli, onions, carrots, pea pods, bean sprouts, cauliflower, celery, bok choy, green peppers, red peppers, water chestnuts, mushrooms, squash, baby corn, eggplant, spinach, asparagus, and bamboo sprouts

Nuts: walnuts, cashews, peanuts, and almonds

Sauces: peanut, soy, sweet and sour, spicy, brown, white, and curry

This month's stir-fry special includes the *customer's choice* of one meat, one vegetable, one nut, and one sauce for \$5.99.

Task Part 1: How many different stir-fry specials should the restaurant be prepared to make?

Task Part 2: If the restaurant anticipates serving one of every possible special this month, and each special requires 3 ounces of meat, how many pounds of beef will they need to have on hand?

- Be sure to show all of your work and to explain your approach and reasoning.
- Make a math representation and a math connection.
- Use as much math language as possible in your explanation.