

Name\_\_\_\_\_ Date\_\_\_\_\_

## Sandy's Sandwich Shop

### Sandy's Sandwich Shop Menu

Name	Description
<b>Porky</b>	<b>ham and cheese</b> with lettuce, tomato, and cucumber
<b>Gobbler</b>	<b>turkey and cheese</b> with lettuce, tomato, and cucumber
<b>Veggie</b>	<b>eggplant and peppers</b> with lettuce, tomato, and cucumber
<b>Combo</b>	<b>ham, turkey, cheese, eggplant, and peppers</b> with lettuce, tomato, and cucumber

### Sandy's Sandwich Shop Recipes

**Note:** Recipes make one sandwich.

	<b>Ham Slices</b>	<b>Turkey Slices</b>	<b>Cheese Slices</b>	<b>Eggplant Slices</b>	<b>Pepper Slices</b>	<b>Lettuce Leaves</b>	<b>Tomato Slices</b>	<b>Cucumber Slices</b>
<b>Porky</b>	8	X	6	X	X	4	3	9
<b>Gobbler</b>	X	9	7	X	X	4	3	8
<b>Veggie</b>	X	X	X	8	5	9	6	7
<b>Combo</b>	4	3	5	6	7	10	8	9

## Part 1

**Directions:** Help Sandy determine how many slices of each ingredient she will need for each order.

- The Smiths ordered 123 Porky sandwiches for a party. Fill in the chart with the correct number of total ingredients that Sandy will need for the sandwiches. Write multiplication equations in the following space to show your work.

Sandwich Name	Ham Slices	Turkey Slices	Cheese Slices	Eggplant Slices	Pepper Slices	Lettuce Leaves	Tomato Slices	Cucumber Slices
<b>Porky</b> 123 total	984	x	738	x	x	492	369	1,107

$$\begin{array}{r} 123 \\ \times 8 \\ \hline 984 \end{array}$$

$$\begin{array}{r} 123 \\ \times 6 \\ \hline 738 \end{array}$$

$$\begin{array}{r} 123 \\ \times 4 \\ \hline 492 \end{array}$$

$$\begin{array}{r} 123 \\ \times 3 \\ \hline 369 \end{array}$$

$$\begin{array}{r} 123 \\ \times 9 \\ \hline 1,107 \end{array}$$

- Mrs. Pryor ordered 105 Gobbler sandwiches and 118 Veggie sandwiches for a work lunch. Fill in the chart with the correct number of total ingredients that Sandy will need for the sandwiches. Write multiplication equations in the following space to show your work.

Sandwich Name	Ham Slices	Turkey Slices	Cheese Slices	Eggplant Slices	Pepper Slices	Lettuce Leaves	Tomato Slices	Cucumber Slices
<b>Gobbler</b> 105 total	x	945	735	x	x	420	315	840
<b>Veggie</b> 118 total	x	x	x	944	590	1,062	708	826

$$\begin{array}{r} 105 \\ \times 9 \\ \hline 945 \end{array}$$

$$\begin{array}{r} 105 \\ \times 7 \\ \hline 735 \end{array}$$

$$\begin{array}{r} 105 \\ \times 4 \\ \hline 420 \end{array}$$

$$\begin{array}{r} 105 \\ \times 3 \\ \hline 315 \end{array}$$

$$\begin{array}{r} 105 \\ \times 8 \\ \hline 840 \end{array}$$

$$\begin{array}{r} 118 \\ \times 8 \\ \hline 944 \end{array}$$

$$\begin{array}{r} 118 \\ \times 5 \\ \hline 590 \end{array}$$

$$\begin{array}{r} 118 \\ \times 9 \\ \hline 1,062 \end{array}$$

$$\begin{array}{r} 118 \\ \times 6 \\ \hline 708 \end{array}$$

$$\begin{array}{r} 118 \\ \times 7 \\ \hline 826 \end{array}$$

3. Dr. Olt ordered 143 Combo sandwiches for a conference. Fill in the chart with the correct number of total ingredients that Sandy will need for the sandwiches. Write multiplication equations in the following space to show your work.

Sandwich Name	Ham Slices	Turkey Slices	Cheese Slices	Eggplant Slices	Pepper Slices	Lettuce Leaves	Tomato Slices	Cucumber Slices
Combo 143 total	572	429	715	858	1,001	1,730	1,144	1,287

$$\begin{array}{r}
 143 \\
 \times 4 \\
 \hline
 572
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 3 \\
 \hline
 429
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 5 \\
 \hline
 715
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 6 \\
 \hline
 858
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 7 \\
 \hline
 1,001
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 12 \\
 \hline
 1,730
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 8 \\
 \hline
 1,144
 \end{array}
 \quad
 \begin{array}{r}
 143 \\
 \times 9 \\
 \hline
 1,287
 \end{array}$$

## Part 2

**Directions:** Sandy has asked you to create a new sandwich for her sandwich shop! Create a recipe for your sandwich. Make sure that your sandwich fulfills Sandy's specifications:

- Name your sandwich.
  - You must use at least 6 ingredients.
  - You have the option of adding two specialty ingredients. (Add them to the chart.)
- You must use more than 2 and less than 10 slices of each ingredient.

**Your Sandwich Name:**

## Sandy's Sandwich Shop Recipe

**Note:** Recipes make one sandwich.

Sandwich Name	Ham Slices	Turkey Slices	Cheese Slices	Eggplant Slices	Pepper Slices	Lettuce Leaves	Tomato Slices	Cucumber Slices	Chicken Slices	Pork Slices
Impossible	X	X	3	5	4	8	3	3	X	X

Congratulations! Your first order came in. The Berryman's ordered 137 of your sandwiches for their gigantic family reunion. Fill in the chart with the correct number of total ingredients that Sandy will need for the sandwiches. Write multiplication equations in the following space to show your work.

Sandwich Name	Ham Slices	Turkey Slices	Cheese Slices	Eggplant Slices	Pepper Slices	Lettuce Leaves	Tomato Slices	Cucumber Slices	Chicken Slices	Pork Slices
137 total	X	X	411	685	548	1096	411	411	X	X

$$\begin{array}{r} 137 \\ 3 \\ \hline 411 \end{array}$$

$$\begin{array}{r} 137 \\ 5 \\ \hline 685 \end{array}$$

$$\begin{array}{r} 137 \\ 4 \\ \hline 548 \end{array}$$

$$\begin{array}{r} 137 \\ 8 \\ \hline 1096 \end{array}$$

$$\begin{array}{r} 137 \\ 3 \\ \hline 411 \end{array}$$

$$\begin{array}{r} 137 \\ 3 \\ \hline 411 \end{array}$$