

**Fall Harvest**  
**6<sup>th</sup> – 8<sup>th</sup> Grade:**

Lilly saves money on groceries by having a large garden. Table 1 provides the amount of vegetables she harvested this year. Lilly cans (preserves) the vegetables to use throughout the year.

**Table 1: Lilly's Harvest**

<b>Name of Vegetable</b>	<b>Amount Harvested (in pounds)</b>
<b>Cucumbers</b>	80
<b>Green Beans</b>	40
<b>Tomatoes</b>	120

1. Lilly is canning her green beans. She has 14 large mason jars that each hold 2 pounds of green beans. How many of the small mason jars does she need if each jar holds 1 pound? Justify your answer.

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2. Lilly plans to make salsa using  $\frac{1}{4}$  of her tomatoes, and spaghetti sauce with  $\frac{1}{3}$  of her tomatoes. The rest will be preserved in mason jars to use in stews and soups. How many pounds of her tomatoes will be used for stews and soups? Justify your answer.

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3. Lilly is making pickles using 30% of her cucumbers. She plans on makes 25% of the pickles as slices and 60% as spears and the rest into a hot and spicy mix. How many pounds of cucumbers will be used to make the hot and spicy mix? Justify your answer.

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