Name _____

Sweet Supply Dilemma

Directions: Use your math and logic skills to solve these Halloween-themed candy problems. Read carefully- each question involves ideas of **supply, demand, and budgeting**. Show your reasoning when possible!

1. Lila has $20 to buy candy for her neighborhood. Chocolate bars cost $2 each, and lollipops cost $1 each. She wants to buy at least 3 chocolate bars and at least 5 lollipops. What is one possible combination she could buy without spending more than $20?

2. A store received 150 bags of candy. Before Halloween night, 80% of the bags sold. On Halloween morning, the manager ordered 40 more. How many total bags of candy does the store have now?

3. Each trick-or-treater wants 4 pieces of candy. If 125 kids come to one house, how many total pieces of candy should the homeowner prepare?

4. Eli trades candy after trick-or-treating. He gives 3 chocolate bars to his friend in exchange for 12 lollipops. Later, he trades 6 lollipops for 2 gummy packs. After both trades, how many lollipops and gummy packs does Eli have if he started with 0 of each?

5. A bag of mini chocolates cost $6 last year, but prices rose by 25% this year. What is the new price per bag?

6. Maya wants to buy 4 different kinds of candy costing $3, $4, $2, and $5. The store gives her a 20% discount on the total price. How much does Maya pay after the discount?