

Gummy vs. Gum

Student Activity Sheet


- » MA.6.A.3.1 Write and evaluate mathematical expressions that correspond to given situations.
- » MA.6.A.3.2 Write, solve, and graph one- and two- step linear equations and inequalities.
- » MA.6.A.3.6 Construct and analyze tables, graphs, and equations to describe linear functions and other simple relations using both common language and algebraic notation.

1. Line gummy bears along 1 stick of gum and record on the T-chart how many gummy bears equal 1 stick of gum. Repeat for 2 gum sticks, 3 gum sticks, and 4 gum sticks.

# of Gum Sticks	# of Gummy Bears

2. Describe the number pattern you and your partner discovered.
3. What is the equation that describes the pattern you and your partner discovered?
4. Using your equation, how many gum sticks would equal the measurement of:
 - a. 35 gummy bears?
 - b. 100 gummy bears?
 - c. 237 gummy bears?

Gummy vs. Gum Rubric

	Commendable	Acceptable	See Teacher
	Works cooperatively with partner without problems	Works with partner with few problems	Refuses to cooperate with partner
	Discovers a pattern that is seen through all numbers in the T-chart	Discovers a pattern that is seen through some of the numbers in the T-chart	Submits a pattern that has nothing to do with the numbers in the T-chart
	Clearly describes the pattern that was discovered	Describes the pattern with some degree of ambiguity	Unclearly communicates the pattern description
	Formulates an equation that parallels the pattern	Formulates an equation, but equation does not parallel pattern	Does not formulate an equation
	Accurately solves the equation when given different numbers	Solves the equations when given different numbers with some accuracy	Does not solve the equation with any accuracy