Possible Solutions

Joshua goes to the candy store to buy gum. Each piece of gum that he buys costs $0.35. Construct a table that shows the price Joshua would pay for 5 pieces, 10 pieces, 15 pieces, and 20 pieces of gum. Let n represent the number of pieces and c represent the cost of those pieces. Write an equation to represent this relationship.

- To solve this problem, students will be constructing a table to show the relationship between the number of pieces of gum, n, and the cost of those pieces, c.
- Since the situation given was a multiplicative relationship (each piece of candy costs $0.35), students will use a multiplicative process to create their table and generate a matching equation.

Number of pieces of gum, n	Process/Relationship	Cost of pieces, c
5	5 x $0.35	$1.75
10	10 x $0.35	$3.50
15	15 x $0.35	$5.25
20	20 x $0.35	$7.00

- An equation students would use to show this relationship would be, $n = \$0.35c$.