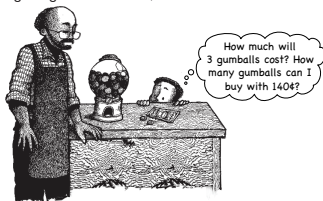


Mr. Green's Giant Gumball Jamboree

Mr. Green sells giant gumballs for 20¢ each.



Solve Questions 1–6. Be prepared to show or tell how you solved each problem.

1. How much will 3 gumballs cost?
2. How many gumballs can I buy with 140¢?
3. How much will 10 gumballs cost?
4. How many gumballs can Chris buy with \$2.50?
5. Chris has \$1.75 and wants 8 gumballs. Does he have enough money?
6. Mr. Green used a list to organize the costs of the gumballs. What are some other tools he could use to organize this data?

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Use the *Buying Giant Gumballs* pages in the *Student Activity Book* to solve problems using patterns in a data table and a graph.

Student Guide

Mr. Green's Giant Gumball Jamboree (SG p. 293)

Questions 1–6

1. 60 cents; Possible strategy: $20 \times 3 = 60$
2. 7 gumballs; Possible strategy: I know $7 \times 2 = 14$ so $7 \times 20 = 140$.
3. 200 cents or \$2; Possible strategy: I double $20 \text{ cents} \times 5 = 100 \text{ cents}$ to $20 \times 10 = 200 \text{ cents}$.
- 4.* 12 gumballs; Possible strategy: I know 10 gumballs cost 200 cents and 2 cost 40 cents. So, I can buy 12 gumballs with \$2.50.
5. Chris has enough money for 8 gumballs; Possible strategy: I skipped counted eight times. 20, 40, 60, 80, 100, 120, 140, 160. 8 gumballs cost 160 cents. Chris has enough money for 8 gumballs.
- 6.* graph, data table

Student Activity Book

Buying Giant Gumballs (SAB pp. 393–395)

Questions 1–13

1.*

Cost of Gumballs

G Number of Gumballs	C Cents
1	20
3	60
5	100
7	140
9	180

- 2.* Possible patterns include: The number of gumballs are the odd numbers. The cost of the gumballs always ends in zero. The cost of the gumballs increases by 40¢ for each row.

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Name _____ Date _____

Buying Giant Gumballs

Mr. Green sells giant gumballs for 20¢ each. He decided to use a table and graph to show the cost of the giant gumballs.



1. Complete Mr. Green's Cost of Gumballs table.

Cost of Gumballs

G Number of Gumballs	C Cents
1	
3	
5	
	140
9	

2. What patterns do you see in the data table?

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*Answers and/or discussion are included in the lesson.