RP.3

6.   A survey on favorite TV stations was given to a random set of people as shown
       in the chart below. For the 160,000 people in the viewing range of the TV
       stations, how many would you expect to watch channel 21?

Favorite TV Station

Ch. 4	70
Ch. 7	50
Ch. 13	30
Ch. 21	90

Write your answer here: _____

NS.1a

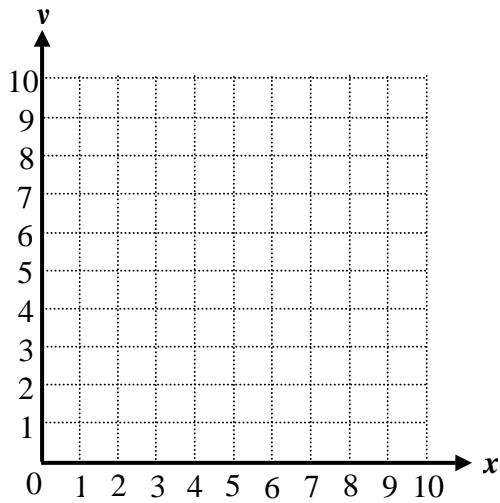7.   Use the integers from the box to make pairs of numbers that have a sum of 0.

4	−5	−7	8	−9	−4	−5	7	$\frac{1}{8}$	$\frac{1}{9}$

_____ and _____

_____ and _____

G.1

21. Draw and label a triangle with vertex A at (2, 1), vertex B at (5, 1), and vertex C at (3, 3).

If each ☐ = 2 sq. feet, what is the area of the triangle? _____

SP.6

32.   A candy company has two names for a new candy bar, and is holding a contest
to vote for the name. A polling service took a survey by sampling 100 shoppers
at a grocery store. The results are shown in the table.

Votes for New Candy Bar Name

Name	Votes
Awesome!	54
Wondrous!	44
Undecided	2

Place an X next to each true statement.

____   Based on the sample data, out of 100,000 actual voters, about 44,000
people will vote for *Wondrous!*

____   There can be no difference between the sample data and the actual
outcome.

____   *Awesome!* is 100% certain to win.

____   It is possible that *Wondrous!* will win.

____   Based on the sample data, out of 10,000 voters exactly 5,400 people will
select *Awesome!*