

“Favorite Numbers”

One fifth grade teacher asked her students their favorite numbers. Each person in the front row named a different number. Each number was a counting number less than 10. Use the clues given below to find out each person’s favorite number.

Hint: Use a strategy from our list to help organize the information!

1. Bonnie, Victor, and Ruth all chose even numbers.
2. Simon and Dan chose odd numbers.
3. Bonnie’s number was less than 4.
4. Victor’s number was greater than six.
5. Ruth’s number was three times Bonnie’s number.
6. Dan’s number was half of Ruth’s number.
7. Simon’s number was the sum of Bonnie and Dan’s numbers.

2

“Is There Room For Me?”

Sixty-one students are going on a field trip. There will be 5 students in a car. How many cars will be needed? _____



3

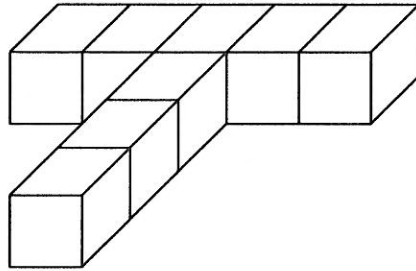
“Travel Expenses”

If a car rents for \$20 a day and \$0.20 a mile, what will it cost to rent a car for 3 days if you drive a total of 310 miles?

Hint: Make a plan-there is more than one step!

“Painting Faces”

Eight one-inch cubes are put together to make a “T”. If the figure is painted blue, how many cubes have exactly four blue



faces? _____

How are the remaining cubes painted?

5

“SCORE!”



In basketball, field goals count 2 points and free throws count 1 point. If Frankie made 3 free throws and scored 17 points, how many field goals did he make?

Hint: Use the two-sided chips to help out!

6

“Area”

Set up your geo-board according to drawing 1. If one square represents one square unit of area (drawing 2), what is the area of the triangle?

