Unit 6 Review Sheet Name _____ Test _____

1. When it snows, DeShawn charges \$2 for every sidewalk he shovels and \$4 for every driveway he shovels. If he shovels 6 sidewalks and 3 driveways, how much does he earn? Explain and show how parentheses can be used when writing a number model for this problem.

2. Solve the number story and explain what you did with the remainder. Manny and his 3 friends went to the video store. They rented several movies and bought snacks to eat while watching them. The total cost was \$25.00. The friends split the bill evenly. How much did each person pay? 3. Draw an example of a straight angle.

- 4. Find the name of the country found at the location 105°E, 12°N. Refer to pages 288-289 of your SRB.
- 5. A jumbo box of Ginger Man Cookies contains 35 cookies. Tina and her three sisters decide to share them equally. How many whole cookies will each girl get?

Number model:

Answer: _____ cookies

6. Grace baked 51 doughnuts for the fourth grade breakfast party and put them on plates. Each plate holds 6 doughnuts. How many plates were needed to hold all of the doughnuts?

Number model: _____

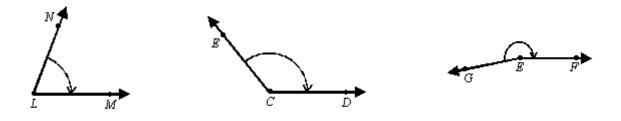
| Answer: | | plates |
|---------|--|--------|
|---------|--|--------|

- 7. Solve. If there is a remainder, write the answer as a mixed number.
 - a. 3)66
 - b. 155÷6
 - c. 361 / 15
 - d. 25) 417
- 8. Mrs. Green wanted to buy a washing machine and pay for it in 1 year. Z-Mart offers two plans and she wants to choose the cheaper one.

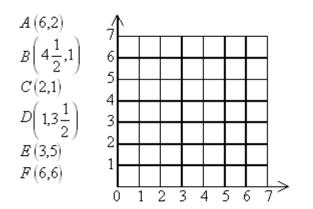
Plan A: \$5 each week; a total of 52 payments. Plan B: \$26 each month; a total of 12 payments.

Which plan should Mrs. Green choose? Explain how you made your choice.

9. Measure each angle below as accurately as you can. From the following, choose the type for each angle: acute, right, obtuse, straight, or reflex.



10. Plot and label each point on the coordinate grid.

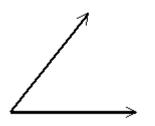


11. Make true sentences by inserting parentheses.

a. 3 * 5 + 39 = 132
b. 37 = 1 * 1 + 9 * 4
c. 8 x 3 + 12 = 3 x 4 x 3
d. 1 + 2 * 1 / 3 = 1

- 12. Round a population of 11,385,985 to the nearest ten-thousand.
- 13. Draw a reflex angle RQP so that it measures 235°.

14. Three students measured the angle given below.



- Austin used his half-circle protractor. He said the angle measures about 52°.
- Leo used his half-circle protractor. He said the angle measures about 128°.
- Ava used her half-circle protractor. She said the angle measures about 308°.

Use your half-circle protractor and your full-circle protractor to measure the angle. Do you agree with Austin, Leo, or Ava? Why?