

# Unit 6 Division & Angles

## Study Guide

NAME \_\_\_\_\_

1. 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?

\_\_\_\_\_ cookies

Number model: \_\_\_\_\_

2. 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?

\_\_\_\_\_ plates

Number model: \_\_\_\_\_

3. 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.

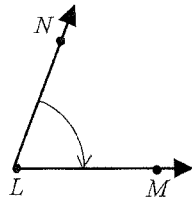
Which plan should Mrs. Green choose? Explain how you made your choice.

4. Solve. If there is a remainder, write the answer as a mixed number.

$$3 \overline{)66}$$

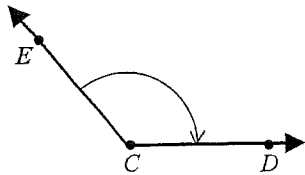
Measure each angle below as accurately as you can. From the following, choose the type for each angle: acute, right, obtuse, straight, or reflex.

5.

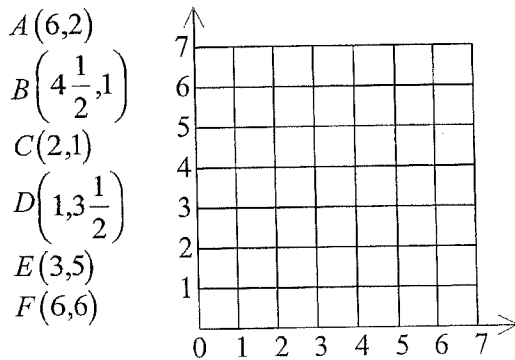


Measure each angle below as accurately as you can. From the following, choose the type for each angle: acute, right, obtuse, straight, or reflex.

6.



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



8. Make a true sentence by inserting parentheses.

$$3 * 5 + 39 = 132$$

9. Insert parentheses to make this number sentence true:

$$37 = 1 * 1 + 9 * 4$$

10. Make a true sentence by inserting parentheses.

$$8 \times 3 + 12 = 3 \times 4 \times 3$$

11. Insert parentheses to make this number sentence true:

$$1 + 2 * 1 / 3 = 1$$

12. Round a population of 11,385,985 to the nearest ten-thousand.

13. Round a population of 3,827,308 to the nearest ten-thousand.