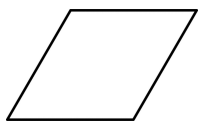Name: _____   Module 7 Study Guide

TEST Date: _____

1. What is a quadrilateral? What does every quadrilateral have to have?

_____

_____

2. Name the following shapes.

_____

_____

_____

_____

_____

3. What is a parallelogram? Draw a picture and describe the attributes. (What must it have?)

4. What type of quadrilateral is a regular polygon (all sides are equal?
    (A) trapezoid
    (B) pentagon
    (C) rhombus
    (D) triangle

5. Mr. Thorpe writes the number pattern below.

15, 18, 21, 24, _____

How would Mr. Thorpe find the next number in the pattern **AND** write what number would come next on the line.

_____

_____

6. Rowena wrote the number sentence below.

$12 + 14 = \square + 12$

What number belongs in the box to make the number sentence correct?

7. There are 215 bottles of juice at the store. The store sells orange juice, apple juice, and fruit punch. There are 65 bottles of orange juice and 78 bottles of apple juice on the shelf. The rest of the bottles are fruit punch. How many **bottles** of fruit punch are there at the store?

Write an equation and then solve to find out how many bottles of fruit punch are at the store.

8. Samir is collecting football cards. He has 53 cards. He wants to put them in an album. Each page can hold 9 cards. If he fills up each page, how many football cards would be on the last page? Show your work and explain your reasoning.

Show your work:

Write your answer sentence and explain:

_____

_____

_____

9. A bookstore has a total of 350 books to give away to people who visit the store. Each person receives one book. This weekend, 185 adults and 135 children were given books. How many books does the store have left? Write an equation and solve.

Write an equation and show your work to solve:

| | |
| | |

Write your answer sentence and explain:

_____

_____

_____

10. Mindy read her books <u>4 times each day </u>on Saturday and Sunday.

She read for 40 minutes each time. For how many minutes did Mindy read in all on Saturday and Sunday? Show your work.

Show your work and solve:

| | |
| | |

11. Landon bought four 10-pound bags of dog food for his dog Blaze. He used 25 pounds in one week. Write an equation that shows how many pounds of dog food Landon still has using a variable to represent the unknown. Then solve for your variable.