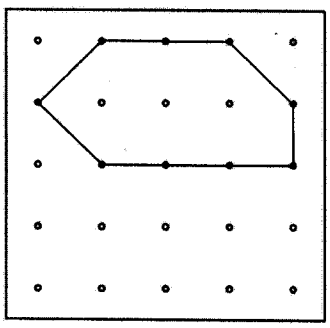
GEOCLASS

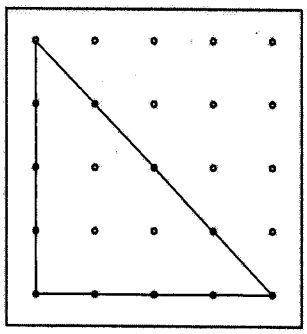
Assignment 2

- Copy each shape on your geoboard.
- Copy again on your recording sheet.
- Find each angle that is LESS than a right angle, and mark with an **X** on your recording sheet.
- This is called an ACUTE angle.

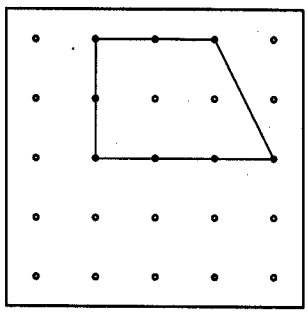
1.



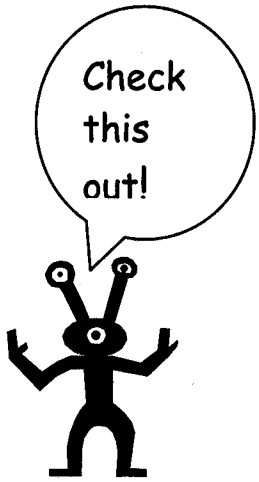
2



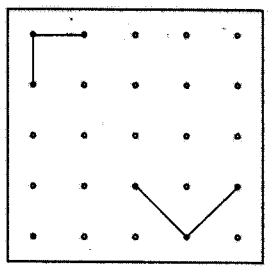
3



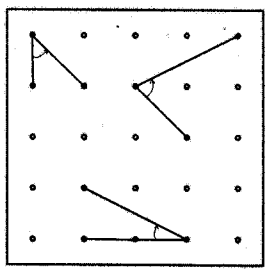
4. Bonus Problem
Try this challenge! Make a shape that has **three sides** with **one right angle** and **two acute angles**. First make it on your geoboard, and then on your recording sheet.

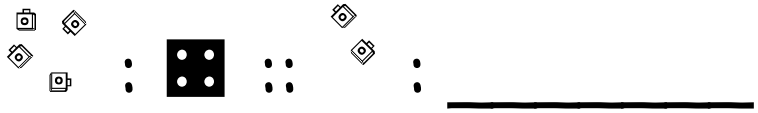


Right angles

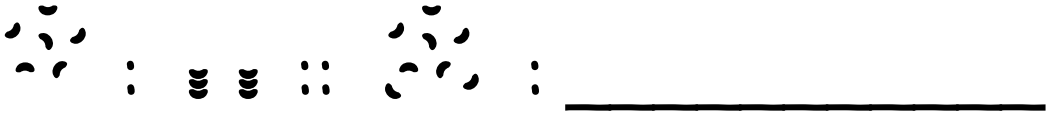


Less than right angles (acute)



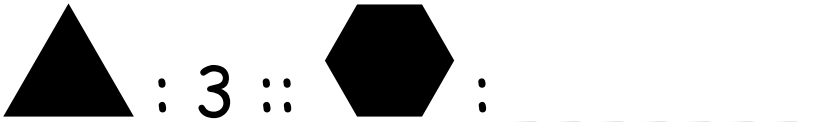
 : _____

 : bumpy :: _____ : _____

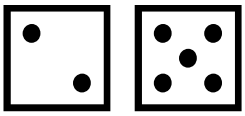
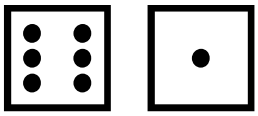
 : _____

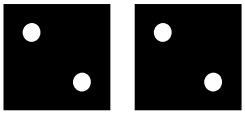
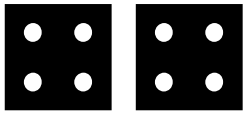
January : Winter :: July : _____

April : March :: December : _____

 : 3 :: _____

 : ten ::  : _____

 : seven ::  : _____

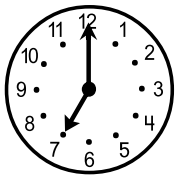
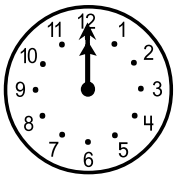
 : four ::  : _____

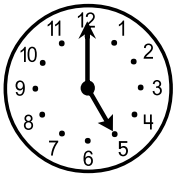
six :  :: two : _____

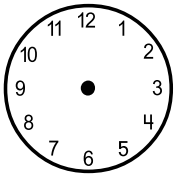
 : tall ::  : _____

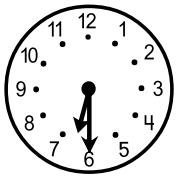
Friday : Thursday :: Wednesday : _____


_____ : 6 cubes :: ____ : ____


: seven o'clock ::

: _____


:

::

:



:

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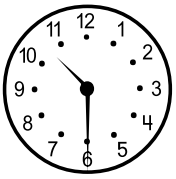
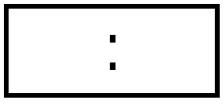
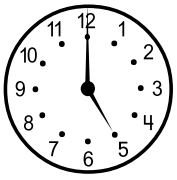
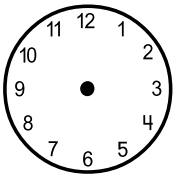
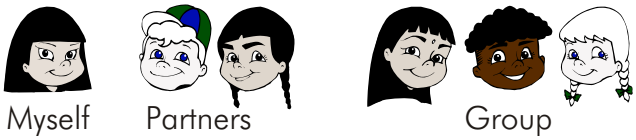

:


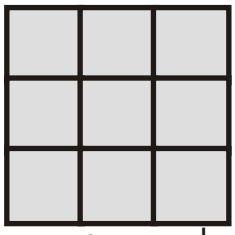
five o'clock :

:: two-thirty :


100, 90, 80 : 70 :: 52, 42, 32 : ____



Name _____

1. Count all the squares in this design



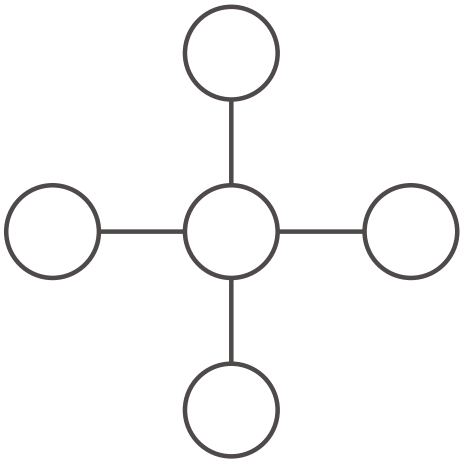
There are _____ .

2. Use any 3 of these numbers to make correct number sentences. 2 3 4 6

EXAMPLE: $\boxed{3} + \boxed{2} - \boxed{4} = 1$

$\square + \square + \square = 9$ $\square + \square - \square = 8$

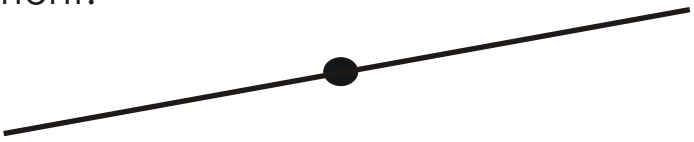
$\square + \square - \square = 7$ $\square - \square - \square = 0$

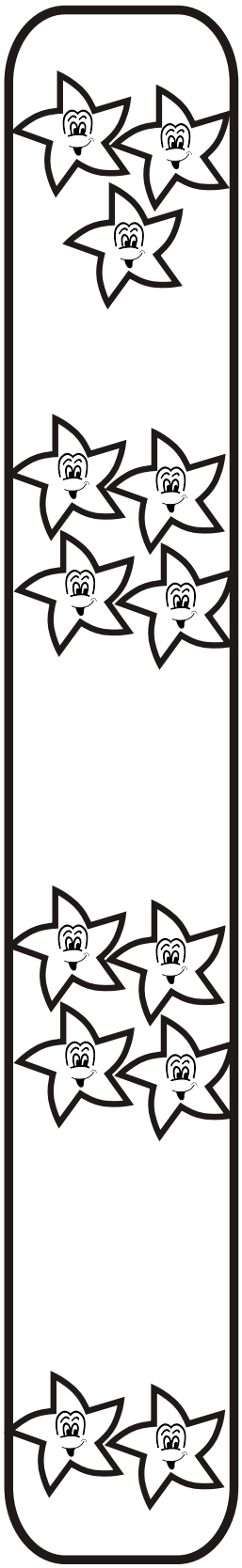


3. Put the digits 1, 2, 3, 4, 5 on this puzzle so that all lines have a sum of NINE.

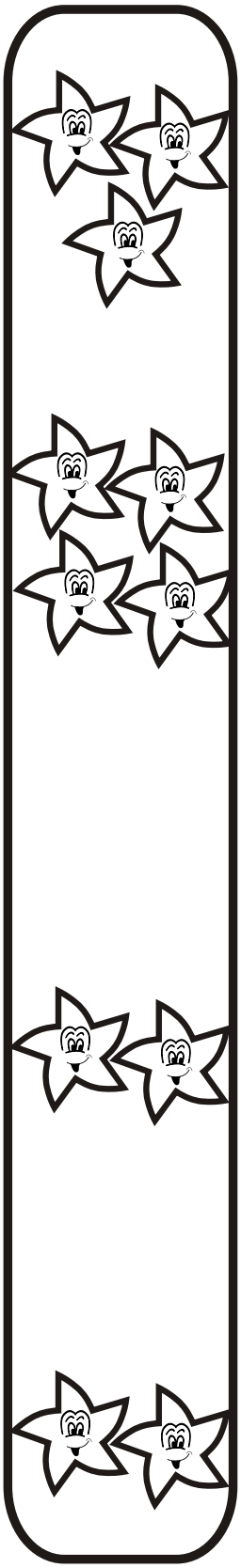
4. A right angle looks like 

Draw a line that makes a right angle at the point on the line segment.





2: Six



5. Barry bought a few supplies that he needed for school. He bought 3 pencils for 14¢ each, a pencil sharpener for 45¢, 2 large erasers for 39¢ each.

On the tax table, circle the amount of tax Barry paid on the total sale.

Tax Collection Schedule	
.01 to .15	.00
.16 to .17	.01
.18 to .34	.02
.35 to .50	.03
.51 to .67	.04
.68 to .83	.05
.84 to 1.00	.06
1.01 to 1.17	.07
1.18 to 1.34	.08
1.35 to 1.50	.09
1.51 to 1.67	.10
1.68 to 1.83	.11

6. Write the next numbers in this pattern.

19, 28, 37, 46, ____ ____ ____ ____ ____

7. The numbers in the pattern above have something in common. What do they have in common?

_____

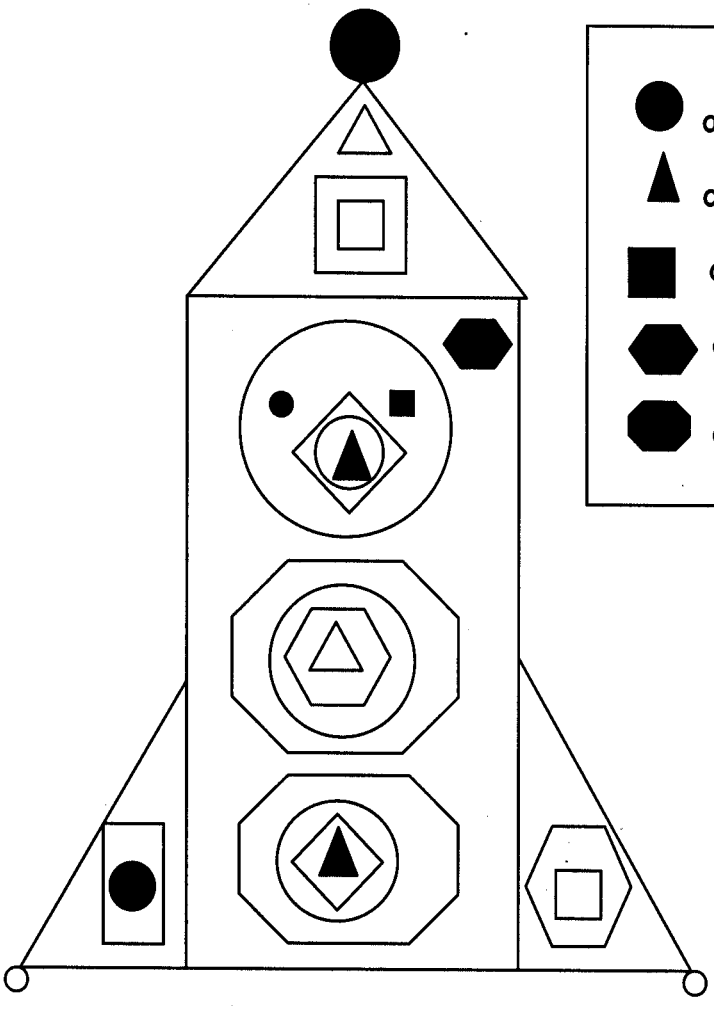
_____

8. When the first day of June is a Thursday, on what day of the week does June 16 fall?

a. Thursday b. Friday c. Saturday d. Sunday

Ship Shape

Study the rocket ship. Use the key and help Astronaut Al make sure that all of your gear is on board and ready for Blast-Off!!



● or ○	= Fuel Cells
▲ or △	= Navigation Systems
■ or □	= Computers
⬢ or ⬡	= Personal Gear
⯃ or ⯂	= Scientific Equipment

How many items in the payload? There are . . .

____ **Circles**
____ **Triangles**
____ **Squares**
____ **Hexagons**
____ **Octagons**
____ **Circles inside rectangles**
____ **Polygons inside circles**
____ **Quadrilaterals inside circles**

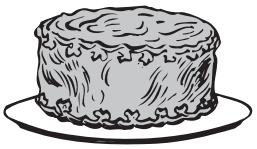
There should be 47 items ready to load on the ship.

Remember, crew, a circle is not a polygon. Also, a square is a rectangle, too!

Crew Member's Name: _____

Lesson 5

I. Analogy

bake → cake : ? → coin

II. Vocabulary

profile

III. Riddle

I designed today's nickels
And my initials are F.S.
These letters are on TJ's neck.
Now can you guess?

Who am I?