

# MATH SUPERSTARS – 2

Earth, XV

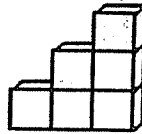
Name: \_\_\_\_\_

(This shows my own thinking.)

- ★★ 1. There were 27 children and 18 adults at the picnic. Twelve of the children were in the egg-toss contest. How many children were *not* in the egg-toss contest?

Answer: \_\_\_\_\_ children

- ★★★ 2. Below are some stairs made of cubes. The highest step is 3 cubes high. It takes 6 cubes to make these stairs. How many cubes would it take to make stairs if the highest step was 5 cubes high?



Answer: \_\_\_\_\_ cubes

- ★★★ 3. The school library keeps a record of how many books are checked out. Use the chart to answer the following questions.

Monday	12
Tuesday	15
Wednesday	10
Thursday	21
Friday	11

- a. On what day were the most books checked out? \_\_\_\_\_
- b. On what day were 11 books checked out? \_\_\_\_\_
- c. On what 2 days was a total of 25 books checked out?  
\_\_\_\_\_ and \_\_\_\_\_

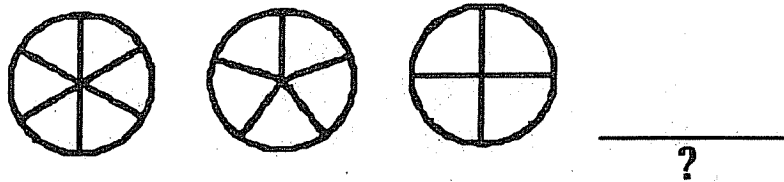
- ★★ 4. Draw the 17th picture in this pattern in the box:



- ★★★★ 5. Fill-in the chart to show the different ways to have 15¢. One way, with 15 pennies, has been done for you.


Pennies	Nickels	Dimes
15	0	0

- ★ 6. Draw what comes next in this pattern.



- ★★ 7. Maria dropped a thumb tack 100 times. Her results are shown in the chart. What is the best judgement she can make about dropping a thumb tack? Check your choice.

- It is more likely to land up than down.
- It is more likely to land down than up.
- It is just as likely to land down as up.

up		
down		

- ★★★ 8. Write the operation and the number that will get you to the next number.

Example: Given 

5	12
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 You write 

5	+7	12
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Problem: 

6		10		7		11		19
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