MATH SUPERSTARS – 5
Saturn, III

Name: _____

(This shows my own thinking.)

★★★ 1. Toni works in the school store. She sold 36 notebooks and 42 book covers. The notebooks cost $2.38 each, and the book covers cost $1.75 each. What is the total cost of Toni's sales?

Answer: _____

★★ 2. A lot of students like to ride horses. Use the chart below to compare the primary grade riders (grades 1-3) with the intermediate grade riders. What is the difference in the number of riders between these two groups?

Horseback Riders

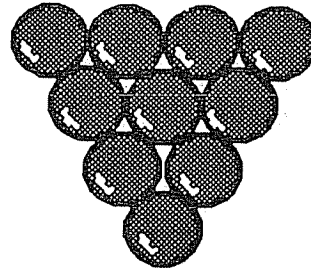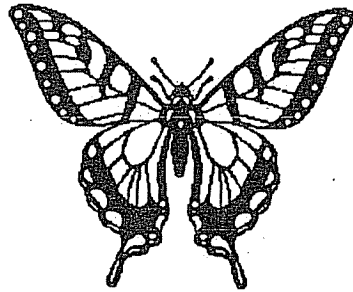|	
1st Grade	Ω Ω Ω Ω
2nd Grade	Ω Ω Ω Ω Ω
3rd Grade	Ω Ω
4th Grade	Ω
5th Grade	Ω Ω Ω Ω Ω Ω Ω Ω

Answer: _____

Key: Each Ω = 3 students

★★ 3. You have $100. You spend $\frac{1}{4}$ of your money to buy a new pair of jeans. You want to save $\frac{1}{5}$ of what you have left. How much will you save?

Answer: _____

★★★ 4. Use these digits only once: 1, 2, 4, and 8. Write a number sentence and use any of the operations (+, –, x, ÷) as many times as you like. You must get 0 as an answer. Use parentheses if you like.

Answer: My number sentence is: _____

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★★★ 5. Draw all the *lines of symmetry* of the figures below.

★ 6. Below is a *line of symmetry*. Draw a figure around it for which the line is a *line of symmetry*.

★★★ 7. Students arrived for school in groups. Bill was the first to arrive--consider him the "first group". Each group that arrived after Bill had two more people than the group that arrived before it. How many people were in school after 20 groups arrived?

Answer: _____

★★★ 8. How much does the can of paint weigh, by itself?   Answer: _____

| 18.0 | 13.0 | 1.5 |