MATH SUPERSTARS – 4

Jupiter, III

Name: _____

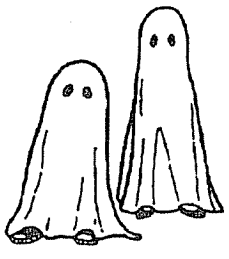
(This shows my own thinking.)

★★ 1. After filling in the multiplication table below, Parker noticed some number patterns. Fill in the chart and follow the directions beneath it.

×	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Draw a circle around the line of numbers that has only *square numbers* in it.

★★★ 2. Mr. Jackson is preparing bags of treats to give trick or treaters on Halloween. He has 48 pieces of candy and 60 pieces of gum. He uses all the candy and gum, and he puts the same ratio of candy to gum in each bag. What is the largest number of bags he could have made?

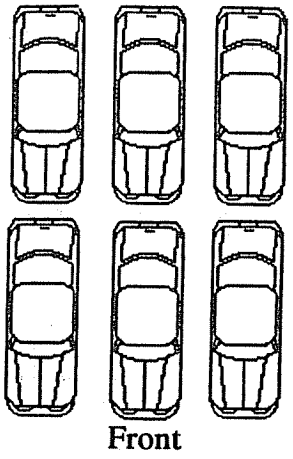


Answer:_____

★ 3. It is now 10:45. What time will it be in 2 hours and 15 minutes?

Answer: _____

★★ 4. Six cars are parked in front of a local car dealers lot. You are looking at the cars from the front.



- *The red car is parked in front of the green car.*
- *The black car is between the green car and yellow car.*
- *The blue car is parked on the right side of the red car.*
- *The orange car is parked in front of the yellow car.*

Color the cars to show how they are parked, or write the name of the color on each car.

★★ 5. Susan made $15.00 baby-sitting. She spent $11.15 on a birthday present, including tax. To the nearest dollar, how much does she have left ?

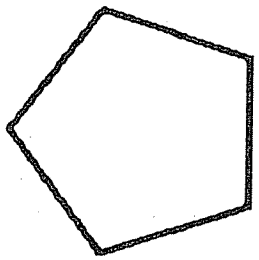
Answer: _____

★★★★ 6. The Disney Golf Classic starts with 64 golfers. The golfers form pairs and each pair plays a match. The losers drop out and the winners of each pair then form new pairs and play again. Then those winners form pairs and play. This continues until there is one winner.

a. In how many matches must the winner play? _____

b. How many matches are played by all the golfers, to determine the winner? _____

★★★ 7. Draw all the lines of symmetry for this polygon.



★★★ 8. A number has 4 digits.
No digits in the number are repeated.
The digit in the tens place is three times the digit in the thousands place.
The number is odd.
The sum of the digits in the number is 27.

What is the number? Answer: _____