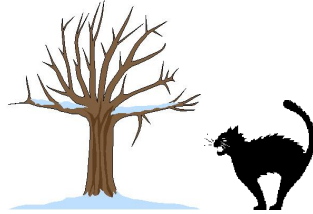


ENTERTAINING PROBLEM SOLVING #206

1. Mr. Carl's cat ran up a forty-foot tree. Every day it went up eleven and every night came down seven. How many days before it reaches the top of the tree?



2. Eight autos are lined up bumper to bumper. How many bumpers were actually touching?



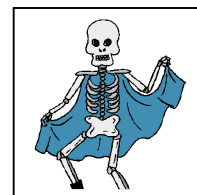
3. Look at the chart below and fill in the numbers. Look for a special pattern. (Hint: not horizontal)

4	5	9				16	
2	2	4		5	7		1
2	3	5	6		8		
4	6	20	42	25		63	2

4. There are 20 students in your class. Eight students are wearing socks and 6 students are wearing shoes. Four students are wearing both. How many students are in bare feet?



5. Why did the skeleton go to the party alone?



ENTERTAINING PROBLEM SOLVING #246

1. What has 4 legs and flies?



2. A man has 5 children and half are boys. How is this possible?

3. Some months have 31 days. How many have 28 days?

4. How many outs are there in an inning?



5. Is it legal for a man to marry his widow's sister?

6. What do you get when you divide 20 by $\frac{1}{2}$ and add 12?

7. If you have 9 oranges and take away two, how many do you have?



8. If you have 5 pills and the doctor tells you to take one every half hour, how many minutes will the pills last?

9. A farmer has seven chickens and all but 4 die, how many does he have left?



10. How many elephants did Moses take on the ark?

11. A butcher is 6'2" tall. What does he weigh?



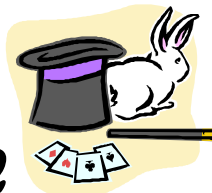
12. How many 4-cent stamps are there in a dozen?

13. Do they have Fourth of July's in Germany?



14. How many birthdays does the average person have?

ENTERTAINING PROBLEM SOLVING #317



MATH MAGIC

1. Think of any two whole numbers of at least three digits. Add them. Subtract your age. Multiply the answer by 9. Cross out any of the nonzero digits and read the remaining digits to me in any order. **MAGIC**. I will tell you the digit you crossed out.

2. Think of any card. Add its value and the next higher value (A=1, 2=2, 3=3,...,K=13). Then add 2. Multiply the result by 5. Add the suit value of the card you selected (C=1, D=2, H=3, and S=4). **MAGIC**. Give me the final result and I will tell you the card you selected.



3. Write down a two digit number between 33 and 99. Add 82. Cross out the hundreds digit and add this digit to the remaining number. Subtract the original number from the result. **MAGIC**. I will tell you the number.

4. Write your age. Then double your age. Add 5. Multiply by 50. Add any day of the month. Subtract the number of days in a year. Add 115. Finally divide by 100. **MAGIC**. Recognize your answer?