"The boys have given me five numbers: 1,3,4,9, and 25," my husband started to explain. "Yes," said Barney, taking the phone from Uncle Bill, while he went to check on dinner. "And he has to answer this question - Which of these numbers doesn't belong with the others - and why?"

"I wanted to discuss it with you first," I told her. "You see I was lucky enough to win 5 tickets for free pumpkins while I was there and I have to decide how to use them. The large pumpkins cost 2 tickets each. The medium pumpkins cost 1 ticket each and the little pumpkins cost 2 for 1 ticket. I wanted you three to help me decide how I should spend my pumpkin tickets."
I was hoping the children would come up with all possible combinations of the pumpkins using all of my 5 tickets, and by evening's end, they had.
We finally decided on one of the choices and the next day we all went back to the pumpkin patch and made our selections. How many possible choices did we have?

We are trying to work out a schedule that suits everyone and we need your help. I want to give individual lessons at 1 o'clock, 2 o'clock and 3 o'clock.
My nephew, Barney, wants to have his lesson after Gina has hers.
Danny doesn't want to have the first lesson, because his Cub Scout den meeting is at that time.
My niece, Gina, who is just starting kindergarten, can come at either 1 o'clock or 3 o'clock.
Barney can't come at 3 o'clock because his fourth grade soccer team usually practices at that time.
Can you help me come up with a schedule that will make everyone happy?

Barney opened the library book and read this notice about late fines. Can you help Gina figure out what her fine will be?
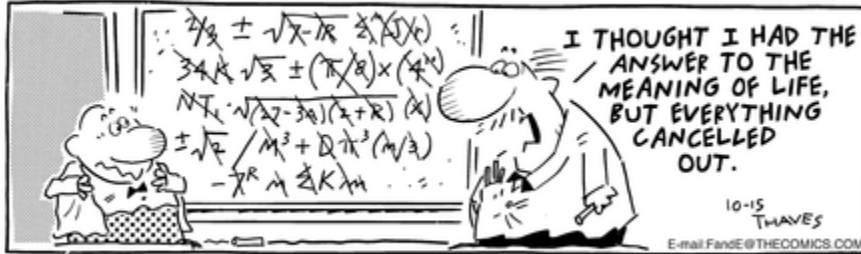   Library Fines
One week overdue – 2 cents a day
Second week overdue – 4 cents a day
Third week overdue – 8 cents a day
           And so on….

Frank and Ernest

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A family pays $800 per year for an insurance plan that pays 80 percent of the first $1,000 in expenses and 100 percent of all medical expenses thereafter. In any given year, the total amount paid by the family will equal the amount paid by the plan when the family's medical expenses total which of the following?

An amusement park charges $8 for an adult ticket, and $6 for a children's ticket. On a certain day, a total of 150 tickets were sold for a total cost of $1020. How many more children's tickets were sold than adult tickets?

http://www.worldclassarena.org/v5/paper/9_year_old/problem_solving.pdf

http://www.worldclassarena.org/v5/paper/13_year_old/problem_solving.doc

A vehicle traveling from Town A to Town B at an average speed of 36 miles per hour required 5 hours and 20 minutes to complete the trip. If another vehicle took 7 hours to travel from Town A to Town B, what was the average speed of the second vehicle, in miles per hour?

Jane, Karen and Fatima each have at least 40 accumulated vacation days. Combined, they have 256 accumulated vacation days. If Jane has 56 more accumulated vacation days than Fatima, what is the maximum number of accumulated days of vacation time that Jane can have?

http://math.about.com/od/wordproblem1/ss/gr5wp.htm

http://math.about.com/od/wordproblem1/ss/gr4wp.htm

http://math.about.com/od/workshee2/ss/gr3wp.htm

http://math.about.com/od/wordproblem1/ss/gr2wp.htm

http://math.about.com/od/wordproblem1/ss/gr1wp.htm

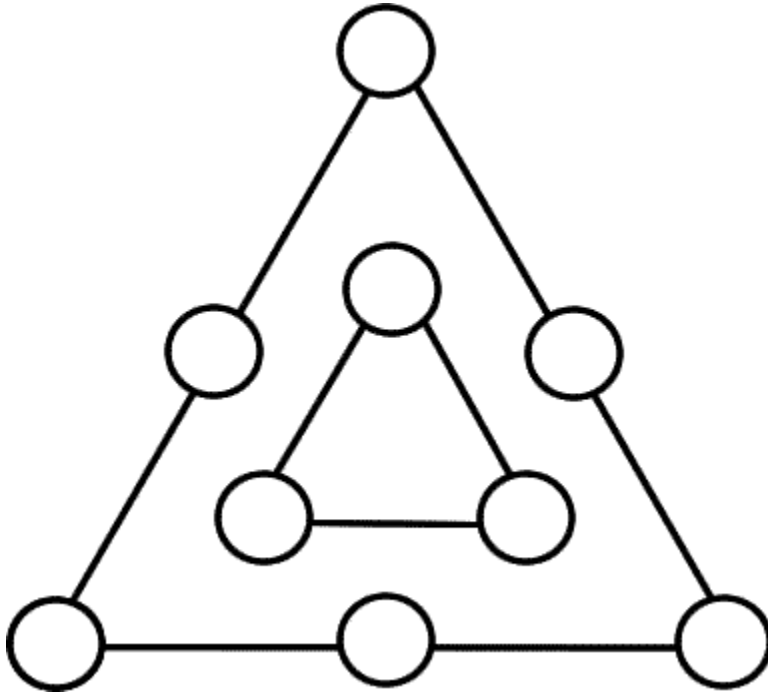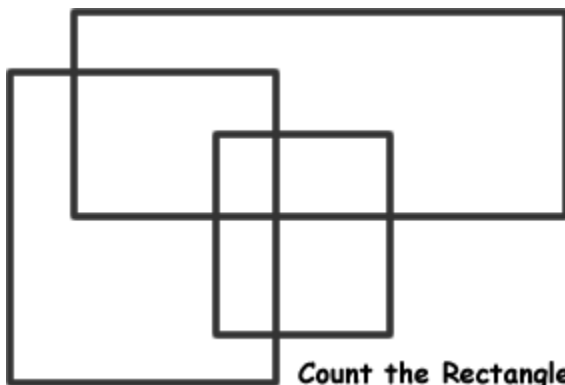http://math.about.com/od/wordproblem1/ss/6thws.htm

During a break, each student a class made a full cup of coffee with milk for themselves. after having finished her cup, kathy calculated that she drank one fifth of the total amount of coffe and one seventh of the total amount of milk used by all students in the class. Assuming that all the students had cups of the same capactiy, how many students were in the class? Find all possible answers?

Can use the circles on the outside of the triangle to place numbers between 1 and 9 so that the sum of the numbers on the outside of the triangle is double the sum of the numbers you put on the inside of the triangle. Is there more than 1 answer?

Count the Rectangles

We started with 3 original rectangles but this created more. How many more?

The farmer wants to get his goat, wolf and cabbage to the other side of the river. His boat isn't very big and can only carry him and either his goat, his wolf or his cabbage. Now.....if he leaves the goat alone with the cabbage, the goat will gobble up the cabbage. If he leaves the wolf alone with the goat, the wolf will gobble up the goat. When the farmer is present, the goat and cabbage are safe from being gobbled up by their predators. How does the farmer manage to get everything safely to the other side of the river?

You are in a classroom with 40 people of varying heights. The teacher/instructor of the room has asked you to exchange papers for the purpose of marking them. However, nobody is allowed to change papers with anyone that is shorter than themself. How many exchanges will occur?

You are in a roomful of 35 people. Everyone is asked to shake hands with everyone. How many handshakes will there be? How can you figure this out? What strategies will you use?

You are in a roomful of 35 people. Everyone is asked to shake hands with everyone. How many handshakes will there be? How can you figure this out? What strategies will you use?