Logic 2
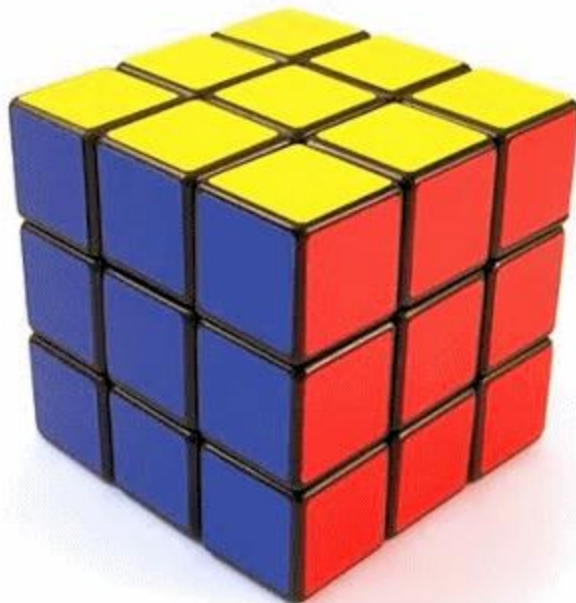## 2013-2014
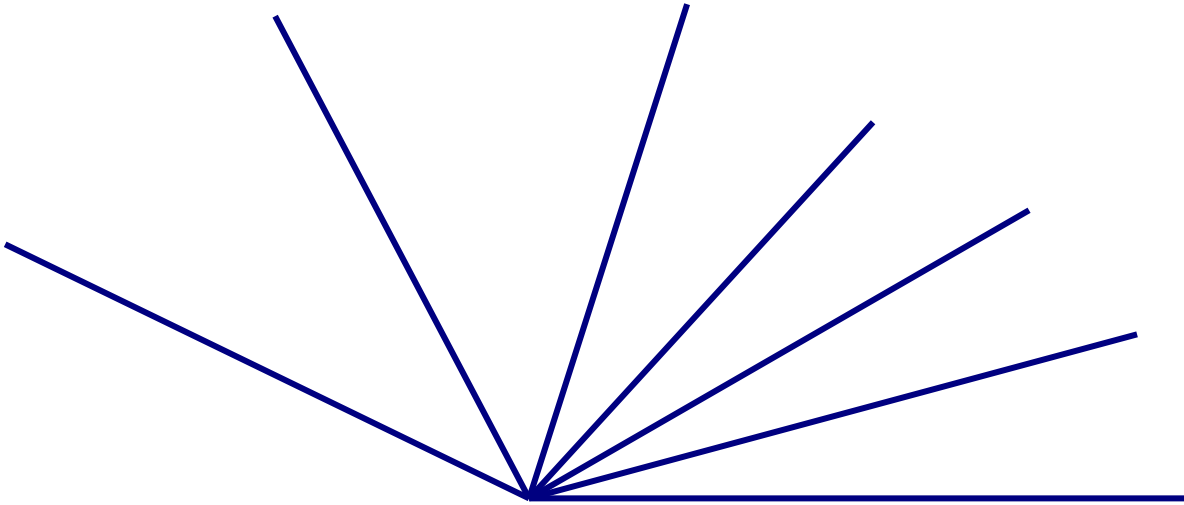

Image from piggybankblog.com

Mr. Hickam
Due Friday, October 25, 2013

Logic Problem 1

How many different angles less than 180° are there in the figure below?

Number = _____

Logic Problem 2

What is the <u>smallest</u> number greater than 2000 that is divisible by 2, 3, 4, 5, and 6?

Number = _____

Logic Problem 3

From the letters given, fill in the blanks to make real statements.

Example: **Given letters – BLAUDISGITLLN**

Answer:

T	A	L	L		B	U	I	L	D	I	N	G	S

Problem 1   **Letters: PUELEGPYLO**

Problem 2   **Letters: KSEUYJFNON**

Problem 3   **Letters: LEBOEYSPRAM**

Logic Problem 4

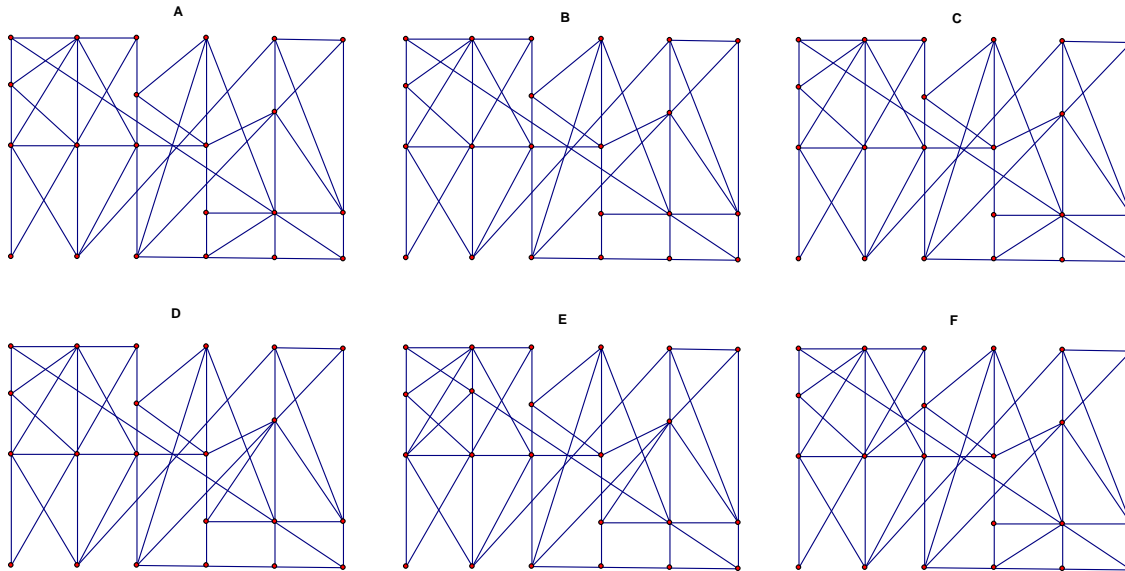**Cross out 23 letters from the set of letters below to spell out a 4 word sentence. Hint: Only one of the words is larger than 4 letters.**

STOIABLTIAVOAESIBHNOAVAINAROTGHWISNCA

Logic Problem 5

Time = _____

Which of the following 2 are exactly the same? _____

Logic Problem 6

Time = _____

Coach Keister was absent one day, and I had to take over his PE classes. It was a great day for me because I could wear shorts. I had a problem though. When I tried to put the students in pairs, I had one kid left without a partner. So I tried to put them in groups of 3, but I then had 2 kids not in a group. When I put them in groups of 4, 3 kids were left out of a group. I was sure that when I put them in groups of 5, I would not have a kid left out, but I did having 4 kids not in a group. If there are less than 6 dozen kids in Keister's P.E. class, how many kids must there be in his class given the above clues?

_____

Logic 2 Answers
(Due Friday, October 25, 2013)

Name _____   **Period** _____

Problem 1   **Time = _____**

Number of angles = _____

Problem 2   **Time = _____**

Number = _____

Problem 3   **Time = _____**

Statement 1 = _____

Statement 2 = _____

Statement 3 =_____

Problem 4   **Time = _____**

Sentence is _____

Problem 5   **Time = _____**

Which two match? _____

Problem 6   **Time = _____**

Number of kids = _____