# Math Problem Solving of the Week #418

Name_____

**Be sure to show all of your work and label your answer. Do your best thinking!**

**1** Ryan made 9 cuts in a board to divide it into equal 5-inch long pieces.
How long was the board? (be careful - it's not the obvious answer!)

**2** If 5 is a factor of a number, what is the probability that the ones digit of the number is also a 5?

**3** At the end of a game, Zak was 30 points ahead of Sue. Bill was 25 point behind Tom. Sue was 15 points ahead of Tom.

A) Who won the game? _____

B) In what order did the other players finish? 2nd place _____
3rd place _____
4th place _____

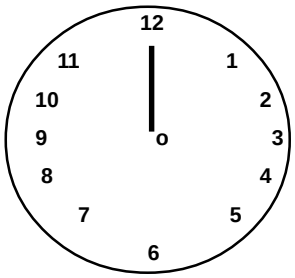
**4** Use the clock to tell how many minutes there are in each.

A) 1/2 hour = _____ minutes

B) 1/4 hour = _____ minutes

C) 1/3 hour = _____ minutes

D) 1/6 hour = _____ minutes




**5** When doing some math homework, Kevin made up the symbol: o
Part of his work looked like this:

8 o = 32

0 o = 0

1/2 o = 2

What do you think o means?

_____

H.Renz 1/03