



Problem of the Week

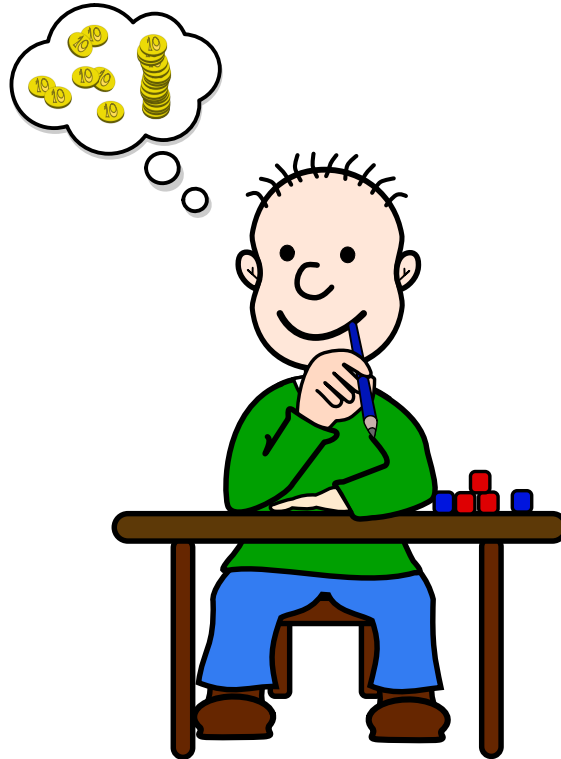
Problem B

How Will Dennis Fare?

To encourage Dennis to work harder at his math problems, his mother promised she would pay him 10 cents for each right answer, but subtract 5 cents for each wrong answer.

- If he earned 20 cents after doing 32 problems, how many problems did Dennis get correct? How many did he get wrong?
- Dennis answered another 32 problems. What is the least number of problems he would have to get correct in order to earn more than one dollar?

Think about how to explain this mathematically in an efficient way.



STRANDS PATTERNING AND ALGEBRA, NUMBER SENSE AND NUMERATION

