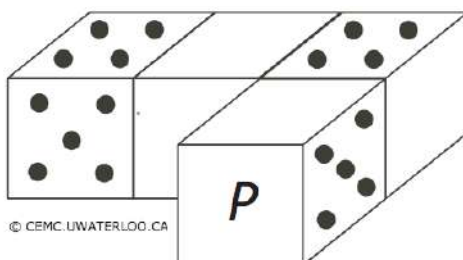


Mathletes Problem of the Week #2

Block Area

a) Four regular dice have been arranged as illustrated below. Also, the numbers on the faces that touch each other always add up to nine. What number must be on the face labeled P?



b) Ten blocks are arranged as illustrated below. Each letter shown on the front of a block represents a number. The sum of the numbers on any three consecutive blocks is always 19. Find the value of S.



Solutions & Explanations: (Solve one or solve them both. Attach more paper if you need to!)

Name _____ Class _____

(First and last name, please!)

Solutions due: October 5th