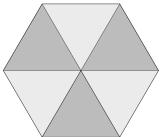| Name: | 519 - Nuclear Hazard | |
| Date: | | |
| Tools: one Logifaces Set / group | MATHS / 3D GEOMETRY | |

## DESCRIPTION

LEVEL 1    Students form a hexagon using 6 blocks of their own choice such that the hexagon has a continuous surface. They calculate and compare the sums of the volumes of the blocks marked with the same colour in the figure.

LEVEL 2    Students prove that this is always true: the two sums are equal in any possible configuration of a continuous surface hexagon.



SOLUTION(S)