

① tetrahedron, 4, 4, 6

octahedron 8, 6, 12

Cube 6, 8, 6, 12

Icosahedron 20, 12, 30

dodecahedron 12, 20, 30

② $4 - 4 + 4 = 1$ true

③ $V = \frac{2+4}{4} = 6$ true

$4 - 6 + 4 = 2$ true

④ 3 is true

⑤ It has hexagon and pentagon
the are not the same number
works