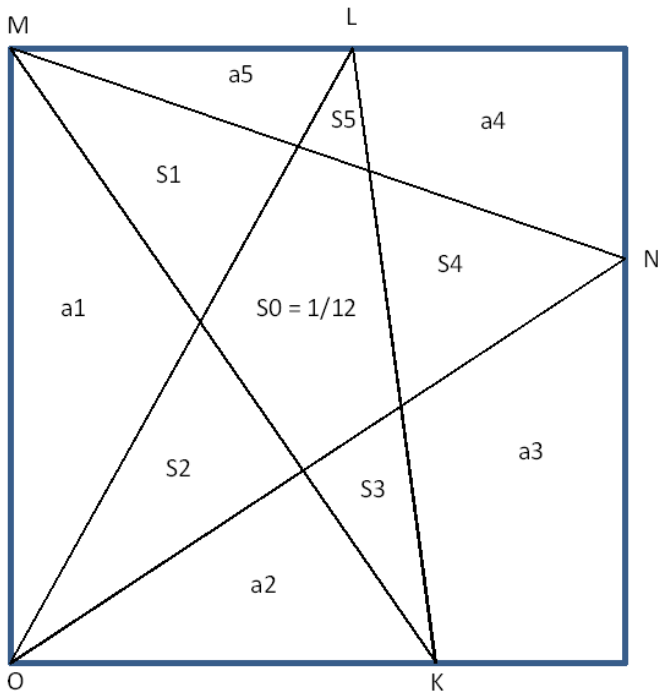


## Solution to Math Skills Problem 5:

Rachid M.:



$$\text{Areal av trekant (OKM)} = |OK| * 1/2 = a1 + S2 + a2 \quad (1)$$

$$\text{Areal av trekant (OKL)} = |OK| * 1/2 = S0 + S2 + S3 + S5 + a2 \quad (2)$$

$$(1) \text{ og } (2): \quad a1 = S0 + S3 + S5 \quad (3)$$

$$\text{Areal av trekant (ONM)} = 1 * 1/2 = S0 + S1 + S2 + S4 + a1 \quad (4)$$

$$(3) \text{ og } (4): \quad 1/2 = S0 + S1 + S2 + S4 + S0 + S3 + S5$$

$$\underline{S1 + S2 + S3 + S4 + S5 = 1/2 - 2 * S0 = 1/2 - 2 * 1/12 = 1/3}$$

Olav K.

