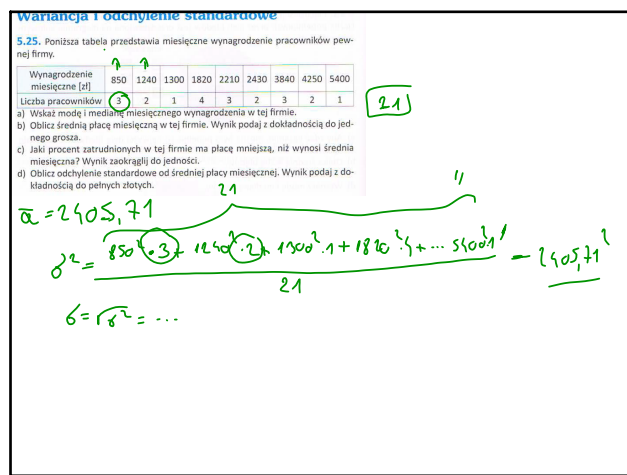
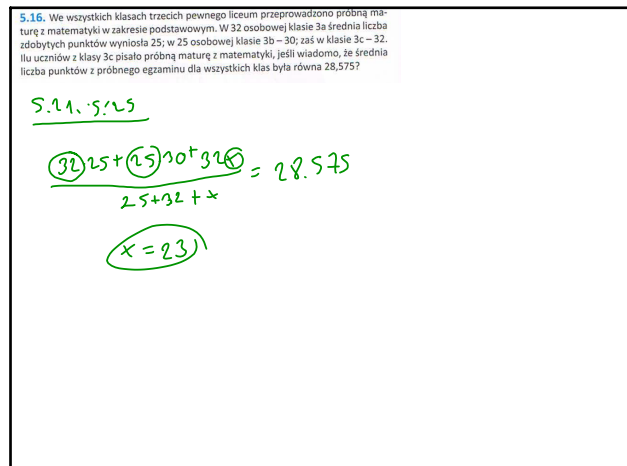




$$\begin{aligned} x+y+z &= 6 \\ \frac{x+y+z}{3} &= 2 \\ \frac{x^2+y^2+z^2}{3} - 2^2 &= 21 \\ x^2+y^2+z^2 &= 75 \end{aligned}$$

11 ~ $\bar{u}_1 = 25$ kg
10 ~ $\bar{u}_2 = 22$ kg

$u_2 = ?$

$$\frac{22 \cdot 10 + x}{11} = 25$$
$$\frac{275}{220}$$

55 kg