

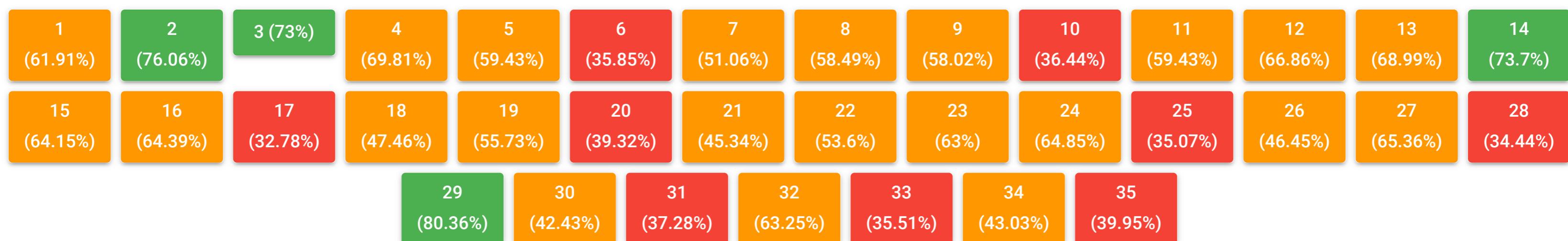


Detail

2025 Y5 T4W7 Mathematical Reasoning Test



Review



Question 10

The average mass of four different objects is 72kg. Three of the objects weigh 0.041 tonnes, 62000g and 9500g respectively.

What is the mass of the fourth object?

$$0.041 \text{ tonnes} = 0.041 \times 1000 \text{ kg} \\ = 41 \text{ kg}$$

$$62000 \text{ g} = 62 \text{ kg} \\ 9500 \text{ g} = 9.5 \text{ kg}$$

$$\text{Total mass} = 72 \times 4 = 288 \text{ kg}$$

$$\text{Current mass total} = 41 + 62 + 9.5 \\ = 112.5 \text{ kg}$$

$$\text{Fourth mass} = 288 - 112.5 = 175.5 \text{ kg}$$

 175.5g 90 kg 900 g 17.55 kg 175500 g **Correct answer:**

175500 g

 **Hint:**

Total of 4 objects = $72 \times 4 = 288 \text{ kg}$
0.041 tonnes = 41kg
62000g = 62kg
9500g = 9.5kg
 $288 - 41 - 62 - 9.5 = 175.5 \text{ kg} = 175500 \text{ g}$

 Session Registrations Report