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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?

$$0.041 \text{ tonnes} = 0.041 \times 1000 \text{ kg}$$
$$= 41 \text{ kg}$$
$$62000\text{g} = 62 \text{ kg}$$
$$9500\text{g} = 9.5 \text{ kg}$$
$$\text{Total mass} = 72 \times 4 = 288 \text{ kg}$$
$$\text{Current mass total} = 41 + 62 + 9.5$$
$$= 112.5 \text{ kg}$$
$$\text{Fourth mass} = 288 - 112.5 = 175.5 \text{ kg}$$

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