

6. A megagram is one million grams, so 2.61 megagrams are equivalent to 2.61 million grams or

$$2.61 \text{ megagrams} = 2,610,000 \text{ grams.}$$

One kilogram is equal to 1000 grams, so dividing the number of grams by 1000 gives the number of kilograms as

$$2,610,000 \text{ grams} / (1000 \text{ grams} / \text{kilogram}) = 2,610 \text{ kilograms}$$

So, 2.61 megagrams = 2,610 kilograms.