

$$1t : 1000kg$$

$$1kg : 1000g$$

$$1g : 1000mg$$

Conversion of Units (Mass Metric) - KEY

Convert the following (Show your Steps)

1. 4t to g	$4t \cdot \frac{1000kg}{1t} \cdot \frac{1000g}{1kg} = 4000000g$
2. 57kg to mg	$57kg \cdot \frac{1000g}{1kg} \cdot \frac{1000mg}{1g} = 57000000mg$
3. 0.34g to mg	$0.34g \cdot \frac{1000mg}{1g} = 340mg$
4. 1 234 000g to tonnes	$1234000g \cdot \frac{1kg}{1000g} \cdot \frac{1t}{1000kg} = \frac{1234000}{1000000} = 1.234t$
5. 0.35kg to mg	$0.35kg \cdot \frac{1000g}{1kg} \cdot \frac{1000mg}{1g} = 350000mg$
6. 450g to tonnes	$450g \cdot \frac{1kg}{1000g} \cdot \frac{1t}{1000kg} = \frac{450}{1000000} = 0.00045t$
7. 356kg to mg	$356kg \cdot \frac{1000g}{1kg} \cdot \frac{1000mg}{1g} = 356000000mg$
8. 0.43tonnes to g	$0.43t \cdot \frac{1000kg}{1t} \cdot \frac{1000g}{1kg} = 430000g$
9. 23kg to mg	$23kg \cdot \frac{1000g}{1kg} \cdot \frac{1000mg}{1g} = 23000000mg$
10. 0.002t to grams	$0.002t \cdot \frac{1000kg}{1t} \cdot \frac{1000g}{1kg} = 2000g$