

$1g \approx 0.04oz$

$1kg \approx 2.21lbs$

$1t = 1.1T$

Conversion of Units (Mass Both)

KEY

Convert the following (Show your Steps)

1. 12t to ounces	$12t \cdot \frac{1000kg}{1T} \cdot \frac{1000g}{1kg} \cdot \frac{0.04oz}{1g} = 480000oz$
2. 3400lbs to grams	$3400lbs \cdot \frac{16oz}{1lbs} \cdot \frac{1g}{0.04oz} = \frac{54400}{0.04} = 1360000g$
3. 0.12kg to lbs	$0.12kg \cdot \frac{2.21lbs}{1kg} = 0.2652lbs$
4. 1 234 000ounces to Tons	$1234000ozs \cdot \frac{1lbs}{16oz} \cdot \frac{1T}{2000lbs} = 38.6T$
5. 0.35kg to lbs	$0.35kg \cdot \frac{2.21lbs}{1kg} = 0.77lbs$
6. 450g to lbs	$450g \cdot \frac{1kg}{1000g} \cdot \frac{2.21lbs}{1kg} = 0.99lbs$
7. 356Tons to kg	$356T \cdot \frac{2000lbs}{1T} \cdot \frac{1kg}{2.21lbs} = 322171.9kg$
8. 0.43ounces to mg	$0.43ozs \cdot \frac{1g}{0.04oz} \cdot \frac{1000mg}{1g} = 10750mg$
9. 23lbs to tonnes	$23lbs \cdot \frac{1T}{2000lbs} \cdot \frac{1t}{1.1T} = 0.01t$
10. 0.002lbs to mg	$0.002lbs \cdot \frac{16oz}{1lbs} \cdot \frac{1g}{0.04oz} \cdot \frac{1000mg}{1g} = 800mg$