



Math worksheet on 'Scientific Notation - Units (Negative Digits) to Scientific Notation (Level 2)'. Part of a broader unit on 'Scientific Notation Units - Practice'

Learn online: [app.mobius.academy/math/units/scientific\\_notation\\_units\\_practice/](http://app.mobius.academy/math/units/scientific_notation_units_practice/)

**2** Convert this number in units to scientific notation

0.08 gigagrams

<b>a</b> $8.00 \times 10^9$ grams	<b>b</b> $8.00 \times 10^6$ grams
<b>c</b> $8.00 \times 10^2$ grams	<b>d</b> $8.00 \times 10^7$ grams
<b>e</b> $8.00 \times 10^3$ grams	<b>f</b> $8.00 \times 10^5$ grams

**1** Convert this number in units to scientific notation

0.027 terajoules

<b>a</b> $2.70 \times 10^{10}$ joules	<b>b</b> $2.70 \times 10^9$ joules
<b>c</b> $2.70 \times 10^5$ joules	<b>d</b> $2.70 \times 10^6$ joules
<b>e</b> $2.70 \times 10^8$ joules	<b>f</b> $2.70 \times 10^{13}$ joules

**3** Convert this number in units to scientific notation

0.194 teraseconds

<b>a</b> $1.94 \times 10^{15}$ seconds	<b>b</b> $1.94 \times 10^{12}$ seconds
<b>c</b> $1.94 \times 10^{16}$ seconds	<b>d</b> $1.94 \times 10^{11}$ seconds
<b>e</b> $1.94 \times 10^6$ seconds	<b>f</b> $1.94 \times 10^9$ seconds

**4** Convert this number in units to scientific notation

0.0425 gigajoules

<b>a</b> $4.25 \times 10^9$ joules	<b>b</b> $4.25 \times 10^{12}$ joules
<b>c</b> $4.25 \times 10^5$ joules	<b>d</b> $4.25 \times 10^7$ joules
<b>e</b> $4.25 \times 10^3$ joules	<b>f</b> $4.25 \times 10^{11}$ joules

**5** Convert this number in units to scientific notation

0.0544 terameters

<b>a</b> $5.44 \times 10^{12}$ meters	<b>b</b> $5.44 \times 10^4$ meters
<b>c</b> $5.44 \times 10^9$ meters	<b>d</b> $5.44 \times 10^{10}$ meters
<b>e</b> $5.44 \times 10^{13}$ meters	<b>f</b> $5.44 \times 10^5$ meters

**6** Convert this number in units to scientific notation

0.507 terajoules

<b>a</b> $5.07 \times 10^8$ joules	<b>b</b> $5.07 \times 10^{11}$ joules
<b>c</b> $5.07 \times 10^{12}$ joules	<b>d</b> $5.07 \times 10^5$ joules
<b>e</b> $5.07 \times 10^{10}$ joules	<b>f</b> $5.07 \times 10^9$ joules

**7** Convert this number in units to scientific notation

0.0846 teracandelas

<b>a</b> $8.46 \times 10^5$ candelas
<b>b</b> $8.46 \times 10^{10}$ candelas
<b>c</b> $8.46 \times 10^7$ candelas
<b>d</b> $8.46 \times 10^9$ candelas
<b>e</b> $8.46 \times 10^{15}$ candelas
<b>f</b> $8.46 \times 10^{12}$ candelas