



Math worksheet on 'Scientific Notation - Scientific Notation to Units - Exact Digits (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 scientific notation number to units

$$2.00 \times 10^{12} \text{ candelas}$$

|          |                 |          |                 |
|----------|-----------------|----------|-----------------|
| <b>a</b> | 2 centicandelas | <b>b</b> | 2 petacandelas  |
| <b>c</b> | 2 nanocandelas  | <b>d</b> | 2 microcandelas |
| <b>e</b> | 2 teracandelas  | <b>f</b> | 2 kilocandelas  |

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

$$5.00 \times 10^{12} \text{ meters}$$

|          |              |          |              |
|----------|--------------|----------|--------------|
| <b>a</b> | 5 nanometers | <b>b</b> | 5 gigameters |
| <b>c</b> | 5 kilometers | <b>d</b> | 5 petameters |
| <b>e</b> | 5 meters     | <b>f</b> | 5 terameters |

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

$$7.00 \times 10^9 \text{ watts}$$

|          |             |          |              |
|----------|-------------|----------|--------------|
| <b>a</b> | 7 petawatts | <b>b</b> | 7 deciwatts  |
| <b>c</b> | 7 terawatts | <b>d</b> | 7 microwatts |
| <b>e</b> | 7 kilowatts | <b>f</b> | 7 gigawatts  |

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

$$7.00 \times 10^{12} \text{ grams}$$

|          |             |          |              |
|----------|-------------|----------|--------------|
| <b>a</b> | 7 gigagrams | <b>b</b> | 7 petagrams  |
| <b>c</b> | 7 decigrams | <b>d</b> | 7 centigrams |
| <b>e</b> | 7 teragrams | <b>f</b> | 7 kilograms  |

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

$$6.00 \times 10^9 \text{ watts}$$

|          |             |          |              |
|----------|-------------|----------|--------------|
| <b>a</b> | 6 megawatts | <b>b</b> | 6 kilowatts  |
| <b>c</b> | 6 terawatts | <b>d</b> | 6 gigawatts  |
| <b>e</b> | 6 watts     | <b>f</b> | 6 microwatts |

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

$$7.00 \times 10^{12} \text{ joules}$$

|          |              |          |               |
|----------|--------------|----------|---------------|
| <b>a</b> | 7 gigajoules | <b>b</b> | 7 petajoules  |
| <b>c</b> | 7 picojoules | <b>d</b> | 7 megajoules  |
| <b>e</b> | 7 terajoules | <b>f</b> | 7 centijoules |

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

$$1.00 \times 10^{12} \text{ seconds}$$

|          |               |          |               |
|----------|---------------|----------|---------------|
| <b>a</b> | 1 petaseconds | <b>b</b> | 1 seconds     |
| <b>c</b> | 1 deciseconds | <b>d</b> | 1 gigaseconds |
| <b>e</b> | 1 megaseconds | <b>f</b> | 1 teraseconds |