



Math worksheet on 'Units - Metric Extended - Unit Name to Fraction (Level 1)'. Part of a broader unit on 'Scientific Notation Units - Intro'

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

**2** What is the equivalent fraction for this unit prefix

milliseconds

<b>a</b> $\frac{1}{1}$ seconds	<b>b</b> $\frac{1}{100}$ seconds
<b>c</b> $\frac{1}{10,000}$ seconds	<b>d</b> $\frac{1}{1,000}$ seconds
<b>e</b> $\frac{1}{10}$ seconds	<b>f</b> $\frac{1}{1,000,000}$ seconds

**1** What is the equivalent fraction for this unit prefix

picometers

<b>a</b> $\frac{1}{1,000,000,000,000}$ meters
<b>b</b> $\frac{1}{100,000,000,000}$ meters
<b>c</b> $\frac{1}{10,000,000,000,000}$ meters
<b>d</b> $\frac{1}{10,000,000,000}$ meters
<b>e</b> $\frac{1}{10,000,000}$ meters

**3** What is the equivalent fraction for this unit prefix

nanoseconds

<b>a</b> $\frac{1}{1,000,000}$ seconds
<b>b</b> $\frac{1}{10,000,000}$ seconds
<b>c</b> $\frac{1}{10,000}$ seconds
<b>d</b> $\frac{1}{1,000,000,000}$ seconds
<b>e</b> $\frac{1}{10,000,000,000,000}$ seconds
<b>f</b> $\frac{1}{100,000,000,000}$ seconds

**4** What is the equivalent fraction for this unit prefix

milligrams

<b>a</b> $\frac{1}{10,000}$ grams	<b>b</b> $\frac{1}{100}$ grams
<b>c</b> $\frac{1}{100,000}$ grams	<b>d</b> $\frac{1}{1}$ grams
<b>e</b> $\frac{1}{1,000}$ grams	<b>f</b> $\frac{1}{10}$ grams

**5** What is the equivalent fraction for this unit prefix

picograms

<b>a</b> $\frac{1}{100,000,000}$ grams
<b>b</b> $\frac{1}{1,000,000,000,000}$ grams
<b>c</b> $\frac{1}{10,000,000}$ grams
<b>d</b> $\frac{1}{10,000,000,000,000}$ grams
<b>e</b> $\frac{1}{10,000,000,000}$ grams

**6** What is the equivalent fraction for this unit prefix

milliamps

<b>a</b> $\frac{1}{100,000,000}$ amps	<b>b</b> $\frac{1}{10,000,000}$ amps
<b>c</b> $\frac{1}{1,000,000}$ amps	<b>d</b> $\frac{1}{10}$ amps
<b>e</b> $\frac{1}{1,000}$ amps	<b>f</b> $\frac{1}{100}$ amps

**7** What is the equivalent fraction for this unit prefix

picoamps

<b>a</b> $\frac{1}{10,000,000,000}$ amps
<b>b</b> $\frac{1}{10,000,000}$ amps
<b>c</b> $\frac{1}{100,000,000}$ amps
<b>d</b> $\frac{1}{10,000,000,000,000}$ amps
<b>e</b> $\frac{1}{1,000,000,000,000}$ amps