



Math worksheet on 'Decimals to Fractions - Powers of Ten (Level 2)'. Part of a broader unit on 'Fractions and Decimals'

Learn online: [app.mobius.academy/math/units/fractions\\_and\\_decimals/](http://app.mobius.academy/math/units/fractions_and_decimals/)

**1** Which fraction is equivalent to this decimal?

0.006

<b>a</b> $\frac{6}{1,000}$	<b>b</b> $\frac{6}{10}$	<b>c</b> $\frac{6}{100,000}$
<b>d</b> $\frac{6}{1,000,000}$	<b>e</b> $\frac{6}{100}$	<b>f</b> $\frac{6}{100}$

**2** Which fraction is equivalent to this decimal?

0.005

<b>a</b> $\frac{5}{10}$	<b>b</b> $\frac{5}{100}$	<b>c</b> $\frac{5}{10}$
<b>d</b> $\frac{5}{10,000}$	<b>e</b> $\frac{5}{100,000}$	<b>f</b> $\frac{5}{1,000}$

**3** Which fraction is equivalent to this decimal?

0.07

<b>a</b> $\frac{7}{10}$	<b>b</b> $\frac{7}{1,000}$	<b>c</b> $\frac{7}{10}$
<b>d</b> $\frac{7}{100}$	<b>e</b> $\frac{7}{100}$	<b>f</b> $\frac{7}{100,000}$

**4** Which fraction is equivalent to this decimal?

0.008

<b>a</b> $\frac{8}{100,000}$	<b>b</b> $\frac{8}{1,000}$	<b>c</b> $\frac{8}{100}$
<b>d</b> $\frac{8}{10,000}$	<b>e</b> $\frac{8}{1,000,000}$	<b>f</b> $\frac{8}{10,000}$

**5** Which fraction is equivalent to this decimal?

0.04

<b>a</b> $\frac{4}{100,000}$	<b>b</b> $\frac{4}{10}$	<b>c</b> $\frac{4}{100}$
<b>d</b> $\frac{4}{1,000}$	<b>e</b> $\frac{4}{100}$	<b>f</b> $\frac{4}{100}$

**6** Which fraction is equivalent to this decimal?

0.01

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

**7** Which fraction is equivalent to this decimal?

0.001

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