

Converting Decimals to Fractions Worksheet

Name: _____

Date: _____

These are some of the most common decimal-to-fraction conversions.

Decimals	Fraction Equivalent	Fraction in simplest form
0.1	1/10	1/10
0.2	2/10	1/5
0.3	3/10	3/10
0.4	4/10	2/5
0.5	5/10	1/2
0.6	6/10	3/5
0.75	75/100	3/4
0.125	125/1000	1/8
0.625	625/1000	5/8
1.25	$125/100 = 1 \frac{25}{100}$	$1 \frac{1}{4} = 5/4$

Convert these decimals to fractions.

① 0.1 =

② 0.75 =

③ 0.279 =

④ Convert the decimal .55555 into a fraction by estimating.

⑤ Convert the repeating decimal of .333333... to a fraction.

⑥ Convert this decimal 3.65 to a mixed number fraction.