

Name: _____

Date: _____

Writing Fractions as Decimals

Write each fraction or mixed number as a decimal. ☺

1. $\frac{1}{3}$

2. $\frac{1}{8}$

3. $\frac{3}{5}$

4. $\frac{7}{11}$

5. $\frac{11}{16}$

6. $\frac{1}{11}$

7. $2\frac{5}{12}$

8. $5\frac{5}{9}$

9. $6\frac{4}{15}$

It is often helpful to know the decimal of commonly used fractions. Fill in the chart below to use as a reference in the future.

Fraction	Decimal	Fraction	Decimal
$\frac{1}{3}$		$\frac{1}{2}$	
$\frac{2}{3}$		$\frac{3}{4}$	
$\frac{1}{6}$		$\frac{2}{5}$	

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Writing Fractions as Decimals

Write each fraction or mixed number as a decimal. ☺

1. $\frac{1}{3}$

0.33
repeating

2. $\frac{1}{8}$

0.125

3. $\frac{3}{5}$

0.6

4. $\frac{7}{11}$

0.6363
repeating

5. $\frac{11}{16}$

0.6875

6. $\frac{1}{11}$

0.0909
repeating

7. $2\frac{5}{12}$

2.41666
repeating

8. $5\frac{5}{9}$

5.55
repeating

9. $6\frac{4}{15}$

6.2666
repeating

It is often helpful to know the decimal of commonly used fractions. Fill in the chart below to use as a reference in the future.

Fraction	Decimal	Fraction	Decimal
$\frac{1}{3}$	0.333 repeating	$\frac{1}{2}$	0.5
$\frac{2}{3}$	0.666 repeating	$\frac{3}{4}$	0.75
$\frac{1}{6}$	0.1666 repeating	$\frac{2}{5}$	0.4