

Convert Decimals to Fractions in Simple Form

Warmup

1. Write $\frac{4}{100}$ in simplest form.

2. $\frac{24}{25} - \frac{2}{25} = \underline{\hspace{2cm}}$

3. List the factors of 100.

4. Write the decimal numbers
five tenths: _____
five hundredths: _____
Seventy-five hundredths: _____
One and five tenths: _____
one and Seventy-five hundredths: _____
Seventy-five 75: _____

5. Express 80 cups of sugar to 100 cups of water as a ratio or rate in simplest form.

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- I. Decimal Numbers
- II. Decimal Numbers to the Thousandths Place and Smaller

Homeschool



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Pre-Algebra and Geometry I

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I. Decimal Numbers

Write the number four hundred sixty-one and thirty-two hundredths.

Write the number forty-five and six tenths.

hundreds	tens	ones	. (and)			

To Write a Decimal as a Fraction:

1. Read the decimal number correctly.
2. Write it as a fraction or mixed number.
3. Simplify the answer. **forty-five and six tenths**

$$45 \frac{6}{10} = 45 \frac{6 \div 2}{10 \div 2} = 45 \frac{3}{5}$$

Write seven tenths as a fraction in simplest form.

Write fourteen hundredths as a fraction in simplest form.

6. Write 0.9 as a fraction in simplest form.

7. Write 44.25 as a fraction in simplest form.

8. Write 0.08 as a fraction in simplest form.

9.

II. Decimal Numbers to the Thousandths Place and Smaller

Write 40.825 as a fraction in simplest form.



To Write a Decimal as a Fraction:

1. Read the decimal number correctly.
2. Write it as a fraction or mixed number.
3. Simplify the answer.

10. Write 100.405 as a fraction in simplest form.

1. Enter the Mixed Number Before reducing _____
2. Enter the mixed number in simplest form _____

11.

Lesson 43 #14. 300 revolutions per 5 hours

300 revolutions : 5 hours = **60 revolutions : 1 hour**



12. What hand on the clock revolves 60 times an hour?



[illegible]