

MY Homework

Lesson 8

Write Fractions as Decimals

Homework Helper



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The average length of a honeybee is $\frac{4}{5}$ inch. Write $\frac{4}{5}$ as a decimal.

1 Write $\frac{4}{5}$ as an equivalent fraction with a denominator of 10.

$$\frac{4}{5} = \frac{4 \times \boxed{2}}{5 \times \boxed{2}} = \frac{8}{10} \quad \text{Since } 5 \times 2 = 10, \text{ multiply } 4 \times 2 \text{ to obtain } 8.$$

2 Write the fraction with a denominator of 10 as a decimal.

$$\frac{4}{5} = 0.8$$

Read the decimal as *eight tenths*.

Practice

Write each fraction as a decimal.

1. $\frac{1}{2} =$ _____

2. $\frac{11}{20} =$ _____

3. $\frac{13}{20} =$ _____

4. $\frac{6}{10} =$ _____


5. $\frac{13}{25} =$ _____

6. $\frac{14}{20} =$ _____



Problem Solving

7. Courtney hit the bullseye $\frac{3}{5}$ of the time when playing darts. Write $\frac{3}{5}$ as a decimal.
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8. **Mathematical PRACTICE**  **Use Number Sense** Yesterday, it rained $\frac{9}{20}$ inch. Write $\frac{9}{20}$ as a decimal.
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9. Camille shaded $\frac{12}{25}$ of a model. Write the decimal that represents the shaded portion of the model.
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10. Paolo built a model car that is $\frac{7}{25}$ the size of his dad's car. Write $\frac{7}{25}$ as a decimal.
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11. Bishon sold $\frac{3}{20}$ of his collection of sports cards. Write $\frac{3}{20}$ as a decimal.
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Stay on target!

Test Practice

12. Emilia bought $\frac{9}{12}$ pound of sliced salami at the deli counter. Which of the following decimals did the scale show?
- (A) 0.25 pound
(B) 0.34 pound
(C) 0.7 pound
(D) 0.75 pound