ALBERT

Name _____ Date _____

Tenths and Hundredths Worksheet

Grade 4 · Common Core 4.NF.C.5

> Express a fraction with denominator 10 as an equivalent fraction with denominator 100, and use this technique to add two fractions with respective denominators 10 and 100. For example, express 3/10 as 30/100, and add 3/10 + 4/100 = 34/100.

Practice

Builds the skill step by step.

1. Fill in the box: $\frac{3}{10} = \frac{\square}{100}$

2. Fill in the box: $\frac{7}{10} = \frac{\square}{100}$

3. $\frac{3}{10} + \frac{4}{100} = __$

4. Which fraction equals $\frac{5}{10}$?

   A. $\frac{15}{100}$

   B. $\frac{10}{100}$

   C. $\frac{5}{100}$

   D. $\frac{50}{100}$

5. $\frac{2}{10} + \frac{5}{100} = __$

6. Fill in the box: $\frac{60}{100} = \frac{\square}{10}$

7. $\frac{1}{10} + \frac{9}{100} =$ ___

8. To add $\frac{4}{10} + \frac{3}{100}$, what should you rename $\frac{4}{10}$ as first?

   A. $\frac{40}{100}$

   B. $\frac{4}{100}$

   C. $\frac{43}{100}$

   D. $\frac{7}{100}$

9. Fill in the box: $\frac{8}{10} = \frac{\square}{100}$

10. $\frac{6}{100} + \frac{5}{10} =$ ___

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On Level

Grade-level practice.

1. $\frac{9}{10} + \frac{9}{100} =$ ___

2. $\frac{30}{100} + \frac{4}{10} =$ ___

3. $\frac{5}{10} + \frac{25}{100} =$ ___

4. Fill in the box: $\frac{\square}{10} + \frac{6}{100} = \frac{86}{100}$

5. Leo says $\frac{2}{10} + \frac{3}{100} = \frac{5}{110}$. What is the correct sum?

   A. $\frac{5}{100}$

   B. $\frac{23}{100}$

   C. $\frac{5}{110}$

   D. $\frac{32}{100}$

6. $\frac{7}{10} + \frac{30}{100} =$ ___

7. A grid has 100 equal squares. $\frac{4}{10}$ of the grid is red and $\frac{15}{100}$ is blue. What fraction of the grid is colored?

8. $\frac{1}{10} + \frac{1}{100} =$ ___

9. Fill in the box: $\frac{36}{100} = \frac{3}{10} + \frac{\square}{100}$

10. Fill in the box: $\frac{90}{100} = \frac{\square}{10}$

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Challenge

Multi-step and word problems that stretch it.

1. $\frac{3}{10} + \frac{45}{100} + \frac{2}{10} =$ ___

2. Ben spent $\frac{35}{100}$ of his savings on Monday and $\frac{4}{10}$ of his savings on Tuesday. What fraction of his savings did he spend?

3. Use whole numbers less than 10 in both boxes: $\frac{\square}{10} + \frac{\square}{100} = \frac{47}{100}$. Write the first box, then the second.

4. Which sum equals $\frac{62}{100}$?

   A. $\frac{6}{10} + \frac{2}{100}$

   B. $\frac{6}{10} + \frac{2}{10}$

   C. $\frac{6}{100} + \frac{2}{10}$

   D. $\frac{6}{100} + \frac{2}{100}$

5. Find $1 - \frac{3}{10}$. Write the answer in hundredths.

6. $\frac{8}{10} + \frac{15}{100} + \frac{5}{100} =$ ___

7. $\frac{2}{10} + \frac{2}{100} + \frac{2}{10} =$ ___

8. How many hundredths are in $\frac{6}{10}$?

9. $\frac{3}{10} + \frac{3}{10} + \frac{3}{10} + \frac{3}{100} =$ ___

10. Find $1\frac{2}{10} + \frac{5}{100}$. Write a mixed number with hundredths.