

Name \_\_\_\_\_

**CC.4.NF.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.

1. Angela ran the 400-meter dash  $\frac{2}{10}$  minute faster than Jillian. Which fraction is equivalent to  $\frac{2}{10}$ ?

**A**  $\frac{2}{100}$

**B**  $\frac{20}{100}$

**C**  $\frac{21}{100}$

**D**  $\frac{200}{100}$

2. Veronica's grandparents live  $\frac{8}{10}$  mile from where she lives. Which fraction is equivalent to  $\frac{8}{10}$ ?

**A**  $\frac{81}{10}$

**B**  $\frac{80}{10}$

**C**  $\frac{80}{100}$

**D**  $\frac{8}{100}$

3. Gisele's dog is taking a training class. He completed  $\frac{7}{10}$  of the class. Write an equivalent fraction with a denominator of 100.
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4. Danny catches two crickets. One cricket weighs  $\frac{1}{10}$  ounce. The other cricket weighs  $\frac{12}{100}$  ounce. What is the total weight of the two crickets?

$$\frac{1}{10} + \frac{12}{100} =$$

**A**  $\frac{13}{10}$  ounce

**B**  $\frac{3}{10}$  ounce

**C**  $\frac{22}{100}$  ounce

**D**  $\frac{13}{100}$  ounce

5. Margo walks home from school  $\frac{75}{100}$  mile. Benjamin walks  $\frac{7}{10}$  mile home from school. How far do Margo and Benjamin walk altogether?

$$\frac{75}{100} + \frac{7}{10} =$$

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6. Add:

$$\frac{4}{10} + \frac{1}{100} =$$

**A**  $\frac{50}{100}$

**B**  $\frac{41}{100}$

**C**  $\frac{14}{100}$

**D**  $\frac{5}{100}$

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7. In Adrian's class,  $\frac{5}{10}$  of the students eat in the cafeteria and  $\frac{38}{100}$  bring lunches from home. What fraction of the class is this?

$$\frac{5}{10} + \frac{38}{100} =$$

- A  $\frac{33}{100}$   
 B  $\frac{43}{100}$   
 C  $\frac{50}{100}$   
 D  $\frac{88}{100}$
8. Two small snakes have lengths of  $\frac{6}{10}$  foot and  $\frac{87}{100}$  foot. What is the combined length of the two snakes, in feet?

$$\frac{6}{10} + \frac{87}{100} =$$

- A  $\frac{93}{100}$   
 B  $\frac{147}{100}$   
 C  $\frac{93}{10}$   
 D  $\frac{147}{10}$
9. Ginny buys two bags of grapes. One bag weighs  $\frac{4}{10}$  pound more than the other bag. Write a fraction equivalent to  $\frac{4}{10}$  with a denominator of 100.
- \_\_\_\_\_

10. Add:

$$\frac{7}{100} + \frac{9}{10} =$$

- A  $\frac{16}{100}$   
 B  $\frac{79}{100}$   
 C  $\frac{97}{100}$   
 D  $\frac{160}{100}$
11. Charlie rides his bike on a  $\frac{3}{10}$ -mile trail and a  $\frac{51}{100}$ -mile trail. How far did he ride in all?

$$\frac{3}{10} + \frac{51}{100} =$$

- A  $\frac{54}{100}$  mile  
 B  $\frac{81}{100}$  mile  
 C  $\frac{54}{10}$  miles  
 D  $\frac{81}{10}$  miles
12. Find the sum of  $\frac{2}{10}$  and  $\frac{78}{100}$ .
- \_\_\_\_\_

13. Add:

$$\frac{3}{10} + \frac{3}{100} =$$

- A  $\frac{9}{100}$   
 B  $\frac{9}{10}$   
 C  $\frac{33}{100}$   
 D  $\frac{60}{100}$