Unit **12**

Unit Assessment, Form B

Name _____

1. Which two fractions are equivalent?

A. $\dfrac{3}{100}$ **B.** $\dfrac{30}{100}$

C. $\dfrac{30}{10}$ **D.** $\dfrac{3}{10}$

2. Rob skateboards $\dfrac{4}{10}$ mile in the park and then skateboards $\dfrac{26}{100}$ mile to his house. How far does Rob skateboard in all?

A. $\dfrac{30}{110}$ mile **B.** $\dfrac{30}{100}$ mile

C. $\dfrac{66}{110}$ mile **D.** $\dfrac{66}{100}$ mile

3. Which of the following shows $2\dfrac{8}{10}$ written as a decimal?

A. 28.10 **B.** 2.08

C. 2.8 **D.** 2.810

4. Which of the following is $3\dfrac{1}{10}$ written as a decimal?

A. 0.13 **B.** 0.31

C. 3.01 **D.** 3.1

5. Noel walks $\dfrac{54}{100}$ kilometer to school each day. What is this amount as a decimal?

6. Aurora bought 0.25 pounds of grapes and 0.4 pounds of raspberries. Did the amount of grapes or raspberries weigh more?

7. Levi has $11.00 to spend on new tennis balls. A set of tennis balls costs $9.50. How much money does he have left after buying the tennis balls?

A. $1.50

B. $1.00

C. $20.50

D. $9.50

8. Which fractions are equivalent to a fraction with a denominator of 10?

A. $\dfrac{65}{100}$

B. $4\dfrac{70}{100}$

C. $\dfrac{85}{100}$

D. $\dfrac{10}{100}$

9. What is the sum? Use the representation.

$$\frac{4}{10} + \frac{26}{100} =$$

10. Trevor wants to know the length of his folder in meters. He knows it is less than the point shown on the number line. Which of the following can be the length of Trevor's folder?

0   0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9   1

A. 0.42 meter

B. 0.27 meter

C. 0.4 meter

D. 1.2 meters

Name _____

11. The table shows the time it took some students to climb a rope.

Student	Time (minutes)
Delia	2.26
Hailey	2.3
Tanner	2.24
Damien	2.1

Choose whether each statement is *True* or *False*.

	True	False
Damien's time was the greatest.		
Tanner's time was less than Delia's time.		
Delia's time was the least.		
Tanner's time was greater than Hailey's time.		

12. Which fraction does the grid represent?
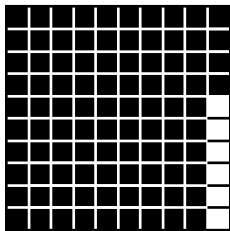
A. $\dfrac{94}{100}$ **B.** $9\dfrac{4}{100}$

C. $9\dfrac{4}{10}$ **D.** $\dfrac{94}{10}$

How can you use the representations to compare the decimals? Complete each comparison using >, <, or =.
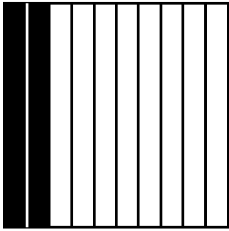
13. 0.61 ___ 0.29

14. 0.41 ___ 0.5

15. 0.7 ___ 0.70

16. 0.4 ___ 0.43

17. What decimal and fraction do the model represent?

A. $\dfrac{2}{10}$

B. 0.2

C. 0.02

D. $\dfrac{1}{2}$

18. Kalani says there is only one way to represent $3.13 using dollars, dimes, and pennies. How do you respond to her? Explain.