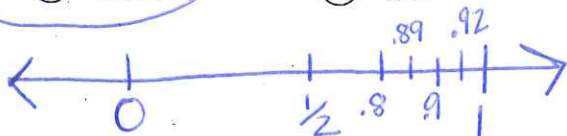


Fill in the bubble for the correct answer.

1. Olivia makes a number line and marks the locations of 0, $\frac{1}{2}$, and 1. Which of these decimals will be farthest away from 0 on her number line?

- (A) 0.9 (C) 0.89
(B) 0.92 (D) 0.8



2. Mika subtracts $\frac{8}{10}$ from $\frac{9}{10}$ to find a difference of $\frac{1}{10}$. Which best describes the difference of $\frac{1}{10}$?

~~(A)~~ It is not reasonable because $1 - \frac{1}{4} = \frac{3}{4}$.

~~(B)~~ It is reasonable because $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$. *not close*

(C) It is reasonable because $1 - \frac{3}{4} = \frac{1}{4}$. *closest to actual*

~~(D)~~ It is not reasonable because $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$.

3. Look at the number line.

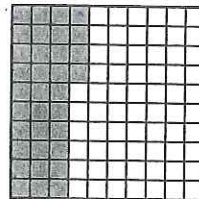


What decimal represents the point shown on the number line?

- (A) 0.1 (C) 0.2
(B) 0.3 (D) 0.5

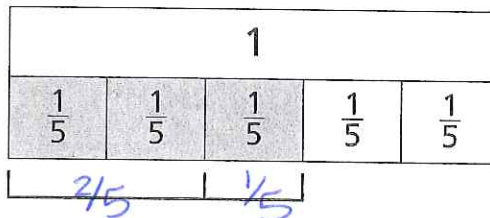
4. If a flat represents 1 unit, what decimal does the model show?

$34 = \frac{34}{100}$



- (A) 34 (C) 3.4
(B) 0.43 (D) 0.34

5. Look at the model.



Which equation does the model show?

$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

- (A) $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$
(B) $\frac{2}{5} + \frac{4}{5} = \frac{6}{5}$
(C) $\frac{4}{5} + \frac{1}{5} = 1$
(D) $\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$

GO ON

6. What is 0.75 written in expanded form?

(A) $0.7 + 0.5$

(B) $7 + 0.5$

(C) $0.7 + 0.05$

(D) $0.07 + 0.05$

$.7 + .05$

7. Which symbol makes the number sentence true?

$19 < 20$

$6,782,019 < 6,782,020$

(A) $<$

(B) $>$

(C) $=$

(D) Not here

8. What is the decimal 0.2 written as a fraction?

(A) $\frac{2}{100}$

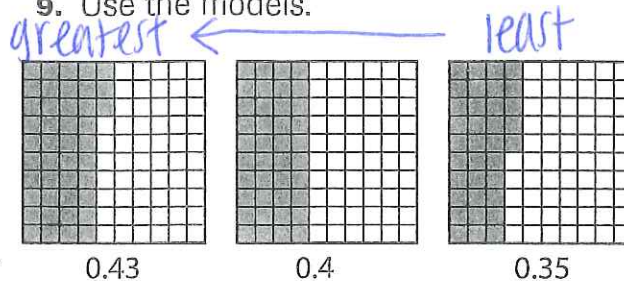
(B) $\frac{22}{100}$

(C) $\frac{2}{10}$

(D) $\frac{1}{2}$

$\frac{2}{10}$

9. Use the models.



Which shows the decimals in order from least to greatest?

(A) 0.35, 0.4, 0.43

(B) 0.4, 0.43, 0.35

(C) 0.43, 0.35, 0.4

(D) 0.4, 0.35, 0.43

$.35, .4, .43$

5 tenths

10. Johnny writes the number 5.59.

Which statement is true for the first digit to the right of the decimal point?

(A) Its value is 10 times the value of the ones digit. *no - it's less!*

(B) Its value is 10 times the value of the hundredths digit. *no bc 5 + 9 are not the same!*

(C) Its value is 5 tens, or 50. *X no!*

(D) Its value is $\frac{1}{10}$ the value of the ones digit.

5
five
0.5
five tenths

GO ON

11. Which shows a fraction as the sum of unit fractions?

means one

(A) $\frac{9}{10} = \frac{5}{10} + \frac{2}{10} + \frac{2}{10}$

(B) $\frac{4}{9} = \frac{3}{9} + \frac{1}{9}$

(C) $\frac{4}{7} = \frac{2}{7} + \frac{2}{7}$

(D) $\frac{3}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$
unit fractions

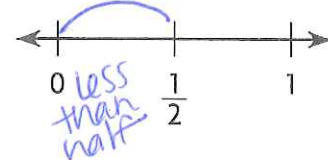
12. What is 368 rounded to the nearest ten?

370

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

<i>3</i>	<i>7</i>	<i>0</i>	.
(0)	(0)	(0)	
(1)	(1)	(1)	
(2)	(2)	(2)	
(3)	(3)	(3)	
(4)	(4)	(4)	
(5)	(5)	(5)	
(6)	(6)	(6)	
(7)	(7)	(7)	
(8)	(8)	(8)	
(9)	(9)	(9)	

13. Sandi names a location on the number line between 0 and $\frac{1}{2}$.



Which fraction names a location between 0 and $\frac{1}{2}$?

(A) $\frac{2}{6}$ *less than half*

(C) $\frac{3}{5}$ *more than half*

(B) $\frac{7}{8}$ *more than half*

(D) $\frac{2}{3}$ *more than half*

14. What is the simplest form of $\frac{6}{14}$?

(A) $\frac{3}{14}$

(C) $\frac{1}{2}$

(B) $\frac{6}{7}$

(**D**) $\frac{3}{7}$

$\frac{6}{14} \div 2 = \frac{3}{7}$

15. Which shows a correct comparison?

(A) $\frac{2}{3} < \frac{1}{8}$ *more than half tiny*

(C) $\frac{4}{8} = \frac{1}{4}$ *half less than half*

(**B**) $\frac{2}{7} < \frac{5}{6}$ *almost one whole*

(D) $\frac{3}{5} > \frac{8}{9}$ *close to half almost one whole*

Small less than half

GO ON

16. Earl has 4 nickels, 2 dimes, and 6 pennies. How much money does he have?

- (A) \$4.26 (C) \$0.42
(B) \$0.36 (D) \$0.46

$4 \times 5 = .20$
 $2 \times 10 = .20$
 $6 \times 1 = .06$

 $.46$

17. Evan rode $2\frac{3}{4}$ miles on a bike trail. Then he rode another $3\frac{1}{4}$ miles. How far did Evan ride?

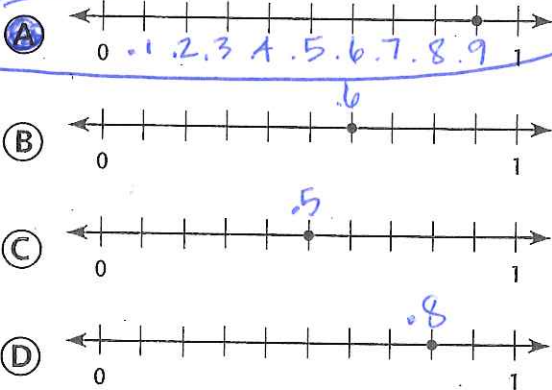
- (A) 6 miles (C) $5\frac{3}{4}$ miles
(B) $5\frac{1}{4}$ miles (D) $5\frac{1}{2}$ miles

$2\frac{3}{4}$
 $+ 3\frac{1}{4}$

 $5\frac{4}{4}$ or 6

$2\frac{3}{4} + 3\frac{1}{4} = 5\frac{4}{4} = 6$

18. Which number line shows 0.9?

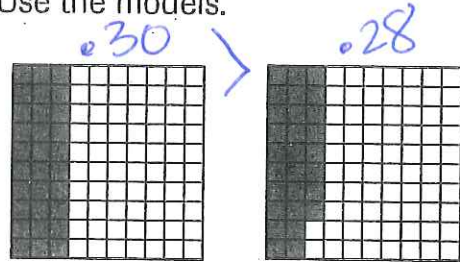


19. What is the expanded form of 3,824?

- (A) $3,000 + 800 + 4$
(B) $3,000 + 800 + 20 + 4$
(C) $300 + 80 + 20 + 4$
(D) $\frac{3}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

3000
800
20
4

20. Use the models.



Which shows a correct comparison of these numbers?

- (A) $0.3 = 0.28$
(B) $0.28 < 0.3$
(C) $0.3 < 0.28$
(D) $0.28 > 0.3$

21. What fraction is represented by the sum of $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$? $\frac{5}{8}$

- (A) $\frac{5}{8}$
- (B) $\frac{8}{5}$
- (C) $\frac{4}{8}$
- (D) $\frac{1}{40}$

22. Jeremy writes the expanded form of 23,491.

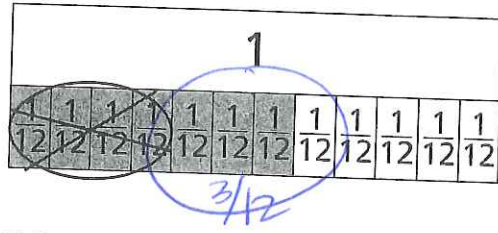
$$20,000 + 3,000 + \underline{400} + 90 + 1$$

Which number completes the expanded form?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

4	0	0	.
Ⓐ	Ⓐ	Ⓐ	
Ⓑ	Ⓑ	Ⓑ	
Ⓒ	Ⓒ	Ⓒ	
Ⓓ	Ⓓ	Ⓓ	
Ⓔ	Ⓔ	Ⓔ	
⓫	⓫	⓫	
⓬	⓬	⓬	
⓭	⓭	⓭	
⓮	⓮	⓮	
⓯	⓯	⓯	

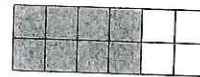
23. Use the model.



What is the difference of $\frac{7}{12} - \frac{4}{12}$? $= \frac{3}{12}$

- (A) $\frac{2}{12}$
- (B) $\frac{3}{12}$
- (C) $\frac{4}{7}$
- (D) $\frac{11}{12}$

24. Look at the model.



If each square represents $\frac{1}{12}$ of the whole, which fraction is represented by the shaded part of the model? $\frac{8}{12}$

- (A) $\frac{4}{12}$
- (B) $\frac{8}{10}$
- (C) $\frac{8}{16}$
- (D) $\frac{8}{12}$

25. Jeffrey adds $\frac{2}{15} + (\frac{5}{15} + \frac{7}{15})$. Which shows a way to write this expression using the Associative Property? $\frac{14}{15}$

- (A) $(\frac{2}{15} + \frac{5}{15}) + \frac{7}{15} = \frac{14}{15}$
- (B) $\frac{2}{5} + (\frac{5}{5} + \frac{7}{5}) = \frac{14}{5}$
- (C) $\frac{7}{15} - (\frac{5}{15} - \frac{2}{15}) = \frac{4}{15}$
- (D) $(\frac{2}{7} + \frac{5}{7}) + \frac{7}{7} = \frac{14}{7}$

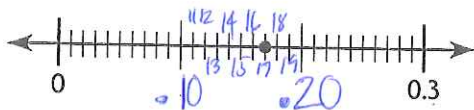


26. What is fifty-nine hundredths written in standard form?

- (A) 5.09 (C) 5.9
(B) 0.95 (D) 0.59

0.59

27. Look at the number line.



What decimal is shown on the number line?

- (A) 0.7
(B) 0.19
(C) 0.27
(D) 0.17

0.17

28. Which lists these numbers in order from greatest to least?

562,078 532,100 562,912

2nd *3rd* *1st*

- (A) 562,078; 532,100; 562,912
(B) 532,100; 562,912; 562,078
(C) 562,912; 562,078; 532,100
(D) 562,912; 532,100; 562,078

29. Which shows 0.68 written as a fraction?

- (A) $\frac{6}{8}$ (C) $\frac{1}{68}$
(B) $\frac{68}{100}$ (D) $\frac{68}{10}$

30. Which group of coins equals 0.20 of a dollar?

