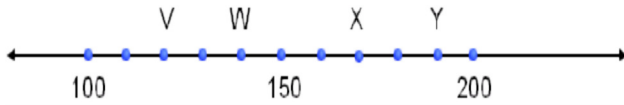


1) What is 3,697 in expanded form?

- A. 3000 + 600 + 90 + 7
- B. 300 + 60 + 97
- C. 300 + 69 + 97
- D. 3000 + 900 + 60 + 7

2) Which point shows 140?



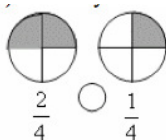
- A. Z
- B. Y
- C. X
- D. W

3) What sign makes the number sentence true?

$$8,390 \text{ ___ } 8,399$$

- A. >
- B. =
- C. <
- D. +

4) Which symbol belongs in the circle?



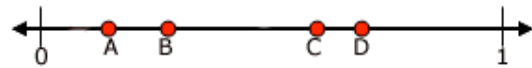
- A. >
- B. X
- C. =
- D. <

5) Which fraction shows the part of the set of stars that is shaded?



- A. $\frac{3}{8}$
- B. $\frac{3}{5}$
- C. $\frac{5}{8}$
- D. $\frac{5}{3}$

6) Where is point A located on the number line?



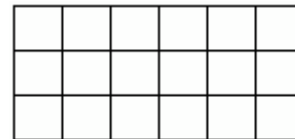
- A. 1/2
- B. 2/3
- C. 1/16
- D. 1/4

7) If $2 \times 5 = 10$, then what is $10 \div 2$?



- A. 5
- B. 2
- C. 6
- D. 10

8) Look at the array. Which number sentence fits the array?



- A. 3×5
- B. 3×6
- C. 6×6
- D. 3×3

9) What is the best estimate for

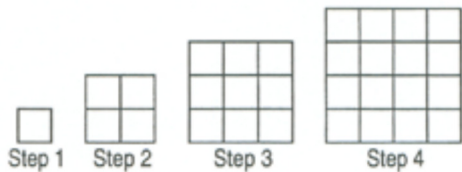
$$612 + 394 ?$$

- A. 3,600
- B. 900
- C. 1,000
- D. 1,100

4th Grade Pre-Assessment

10) Tom created the table to show the number of small squares in each step of the pattern. If this pattern is continued, how many small squares will there be in step 5?

| Step | 1 | 2 | 3 | 4 |
|-------------------------|---|---|---|----|
| Number of small squares | 1 | 4 | 9 | 16 |



- A. 6
- B. 12
- C. 30
- D. 25

11) Which sign makes the number sentence true?

$$5 + 3 + 7 \underline{\quad} 5 + 7 + 7$$

- A. <
- B. >
- C. =
- D. X

12) What numeral would make this a true statement?

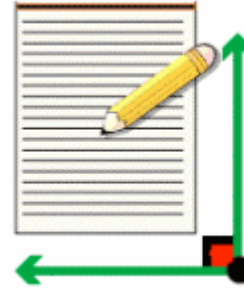
$$(3 + 7) + 9 = (9 + 7) + \underline{\quad}$$

- A. 3
- B. 5
- C. 7
- D. 9

13) What is 756×0 ?

- A. 0
- B. 7
- C. 56
- D. 756

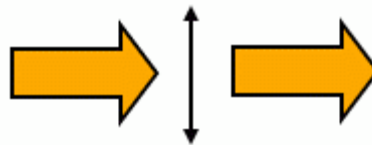
14) What is the name of the angle at the bottom of this notebook?



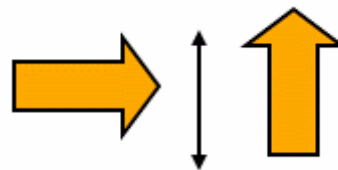
- A. odd
- B. right
- C. greater than right
- D. less than right

15) Which figure shows a reflection?

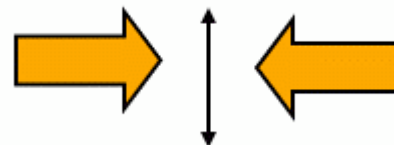
A.



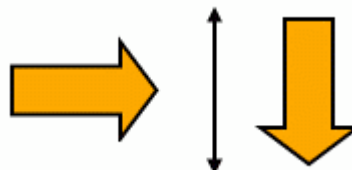
B.



C.

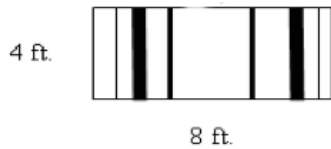


D.



4th Grade Pre-Assessment

16) What is the perimeter of the rug in the picture?



- A. 24 ft
- B. 22 ft
- C. 12 ft
- D. 168 ft

17) Jerry has a sack of jellybeans. 6 are red, 10 are blue, and 1 is purple. If he reaches into the sack and grabs a jellybean, which color will he most likely pick?

- A. red
- B. blue
- C. purple
- D. green

18) What is another way to write 68,002?

- A. $600,000 + 8,000 + 20$
- B. $60,000 + 800 + 2$
- C. $60,000 + 8,000 + 2$
- D. $60,000 + 8,000 + 2000$

19) What portion of the figure drawn here is shaded?



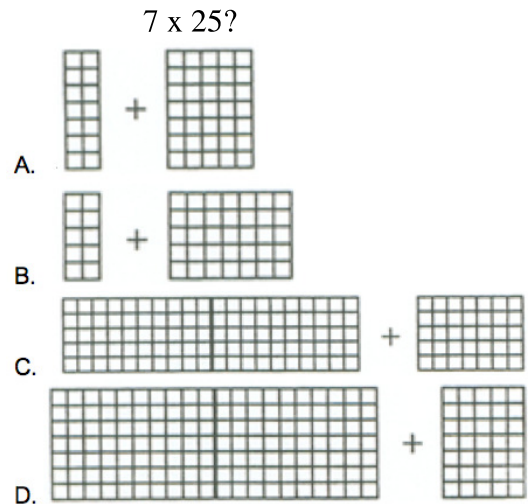
- A. $7/10$
- B. $7/3$
- C. $3/10$
- D. $3/7$

20) Which sign makes this a true statement?

$$0.75 \text{ ______ } \frac{3}{4}$$

- A. $>$
- B. $<$
- C. $=$
- D. $\$$

21) Which array models the product



- A. A
- B. B
- C. C
- D. D

22) Angelina purchased 5 bags of marbles with 25 marbles in each bag. She then gave 17 marbles to her brother Ben. Which equation would you use to find out how many marbles Angelina has?

- A. $(25 \times 5) - 17 =$
- B. $5 \times (25 - 17) =$
- C. $(25 \times 17) - 5 =$
- D. $(25 \div 5) \times 17 =$

23) Chloe had to feed her hamster 1.7 grams of oats, 1.25 grams of seeds, and 4.6 grams of lettuce each day. How many grams of food did she give the hamster each day?

- A. 7.55 grams
- B. 18.8 grams
- C. 1.88 grams
- D. 75.5 grams

4th Grade Pre-Assessment

| Question | Answer | Core Correlation |
|----------|--------|-------------------------|
| 1 | A | 3 rd grade |
| 2 | D | 3 rd grade |
| 3 | C | 3 rd grade |
| 4 | A | 3 rd grade |
| 5 | C | 3 rd grade |
| 6 | D | 3 rd grade |
| 7 | A | 3 rd grade |
| 8 | B | 3 rd grade |
| 9 | C | 3 rd grade |
| 10 | D | 3 rd grade |
| 11 | A | 3 rd grade |
| 12 | A | 3 rd grade |
| 13 | A | 3 rd grade |
| 14 | B | 3 rd grade |
| 15 | C | 3 rd grade |
| 16 | A | 3 rd grade |
| 17 | B | 3 rd grade |
| 18 | C | 4 th : 1.1.a |
| 19 | C | 4 th : 1.2.e |
| 20 | C | 4 th : 1.2.b |
| 21 | D | 4 th : 1.3.a |
| 22 | A | 4 th : 1.4.c |
| 23 | A | 4 th : 1.5.d |
| 24 | D | 4 th : 2.1.a |
| 25 | B | 4 th : 2.2.d |
| 26 | A | 4 th : 2.2.a |
| 27 | D | 4 th : 2.2.d |
| 28 | C | 4 th : 3.1.c |
| 29 | B | 4 th : 3.2.a |
| 30 | C | 4 th : 3.3.b |
| 31 | B | 4 th : 4.1.d |
| 32 | C | 4 th : 4.2.f |
| 33 | A | 4 th : 5.1.c |
| 34 | C | 4 th : 5.2.a |

Note: Items 1 – 17 are concepts that were learned in 3rd grade. This gives students an opportunity to demonstrate retention. Items 18 – 34 are concepts that are extended from third grade and/or are new concepts to be learned in fourth grade. This should provide a glimpse into foundational understanding students have prior to studying fourth grade mathematics.