Name:_____   Date:_____

---

1. Which decimal is the greatest?

A. 0.41
B. 1.41
C. 0.14
D. 1.14

---

2. The fractions are in order from least to greatest. Which fraction should go in the box?

$$\frac{1}{4}, \frac{2}{3}, \square, \frac{5}{6}$$

A. $\frac{1}{2}$

B. $\frac{1}{3}$

C. $\frac{3}{4}$

D. $\frac{11}{12}$

---

3. Which number is greater than 5,685 and less than 5,698?

A. 5,699
B. 5,696
C. 5,685
D. 5,668

---

4.   Which decimal is less than 0.99?

A. 1.09
B. 1.1
C. 9.09
D. 0.9

---

5. What number comes next in the following sequence?

        4, 5, 7, 10, 14, 19, 25, ____

A. 28
B. 31
C. 32
D. 34

6.   Which fractions are NOT equal?

A. $\dfrac{2}{6}$ and $\dfrac{1}{3}$

B. $\dfrac{4}{6}$ and $\dfrac{2}{3}$

C. $\dfrac{1}{4}$ and $\dfrac{2}{3}$

D. $\dfrac{2}{4}$ and $\dfrac{1}{2}$

7. Solve for x.

$$356 - x = 279$$

A. 77
B. 83
C. 635
D. 626

8. Choose the decimal that would come between 0.63 and 0.81.

A. 0.59
B. 0.62
C. 0.74
D. 0.85

9. Which set is ordered from least to greatest?

A. $\{\frac{10}{11}, \frac{9}{10}, \frac{8}{9}, \frac{7}{8}\}$

B. $\{\frac{7}{8}, \frac{10}{11}, \frac{8}{9}, \frac{9}{10}\}$

C. $\{\frac{7}{8}, \frac{8}{9}, \frac{9}{10}, \frac{10}{11}\}$

D. $\{\frac{9}{10}, \frac{8}{9}, \frac{7}{8}, \frac{10}{11}\}$

---

10.   The table below shows the relationship between a pair of numbers.

First Number	6	8	9	14
Second Number	3	5	6	7

If the first number is 14, what is the second number?

A. 7
B. 8
C. 10
D. 11

---

11.   Which symbol belongs in the box to make the sentence true?

$$\frac{3}{12} \quad \boxed{} \quad \frac{1}{4}$$

A. >
B. <
C. =
D. ÷

---

12. Which number goes with 5 in the following pattern?

2	10
3	15
4	20
5	?

A. 20
B. 25
C. 30
D. 35

---

13. Which number is between 689 and 715?

A. 675
B. 679
C. 703
D. 720

---

14.   Which number belongs in the box?

☐, **34, 32, 30, 28**

A. 26
B. 35
C. 36
D. 37

---

15.   Which number completes the order?

0.89, 0.74, ☐ **, 0.69, 0.53**

A. 0.36
B. 0.57
C. 0.63
D. 0.71

---

16.   Carla made up this number pattern:

0, 3, 1, 4, 2, 5, 3, . . .

She asked her friend Mike to guess the rule for her pattern. Which rule matches Carla's pattern?

A. add 3, then divide by 3
B. multiply by 2, then subtract 4
C. subtract 3, then add 2
D. add 3, then subtract 2

17. Which is the largest number?

A. 3.800
B. 3.90
C. 3.89
D. 3.09

---

18.   Look at the pattern of ordered pairs below.

      (1,7), (3, 21), (5, 35)

  Which is the next ordered pair in the pattern?

A. (7,49)
B. (7,42)
C. (6,42)
D. (8,56)

---

19.   Which of the following is always true for squares, but NOT necessarily true for rectangles?

A. All angles are 90°.
B. Adjacent sides are the same length.
C. Opposite sides are the same length.
D. The diagonals are the same length.

---

20. Solve for x.
$x - 3 = 12$

A. 4
B. 9
C. 15
D. 36

---

21.   What is the rule for this pattern shown below?

      4, 7, 10, 13

A. add 1
B. add 3
C. multiply by 2 subtract 1
D. multiply by 2 subtract 3

---

22. Which number is less than 4.1?

A. 4.13
B. 4.11
C. 4.20
D. 4.09

23.

Which symbol goes in the box to make the number sentence correct?

$$\frac{2}{8} \;\square\; \frac{1}{2}$$

A. <
B. >
C. =
D. ×

24. Solve for *n*.

$$126 - n = 63$$

A.   63
B. 143
C. 163
D. 189

25. Which is the GREATEST number?

A. 5,923
B. 5,239
C. 5,932
D. 5,392

Answer Key

1. B) 1.41

2. C)

3. B) 5,696

4. D) 0.9

5. C) 32

6. C)   and

7. A) 77

8. C) 0.74

9. C)

10. D) 11

11. C) =

12. B) 25

13. C) 703

14. C) 36

15. D) 0.71

16. D) add 3, then subtract 2

17. B) 3.90

18. A) (7,49)

19. B) Adjacent sides are the same length.

20. C) 15

21. B) add 3

22. D) 4.09

23. A) <

24. A)   63

25. C) 5,932