Name _____

Incoming 6th Summer Assignment

1. In which number is the value of the underlined digit ten times the value of the bold digit?

   Ⓐ 5**0**5

   Ⓑ 5,00**5**

   Ⓒ 5,**5**00

   Ⓓ 50,**5**00

2. Find the product.

   48×28

   Ⓐ 1,500

   Ⓑ 1,344

   Ⓒ 800

   Ⓓ 76

3. Multiply.

   3×47

   Ⓐ 50

   Ⓑ 121

   Ⓒ 141

   Ⓓ 150

4. Which lists multiples of 8?

   Ⓐ 8, 16, 24, 46

   Ⓑ 8, 16, 24, 48

   Ⓒ 8, 15, 32, 50

   Ⓓ 8, 16, 40, 63

5. Gail ran $4\frac{6}{10}$ miles on Saturday and $6\frac{8}{10}$ miles on Sunday. How many miles did Gail run over the weekend?

   Ⓐ 11 miles

   Ⓑ $10\frac{14}{10}$ miles

   Ⓒ $11\frac{4}{10}$ miles

   Ⓓ $14\frac{2}{10}$ miles

6. Find the product: 352×21.

   Ⓐ 7,992

   Ⓑ 7,400

   Ⓒ 7,392

   Ⓓ 6,292

7. Round 43,628 to the thousands place.

   Ⓐ 40,000

   Ⓑ 43,000

   Ⓒ 43,600

   Ⓓ 44,000

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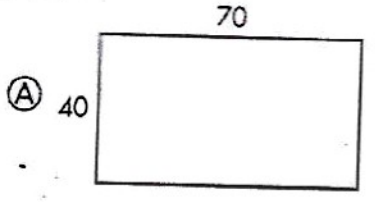
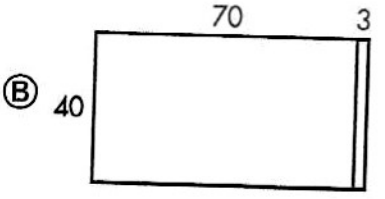
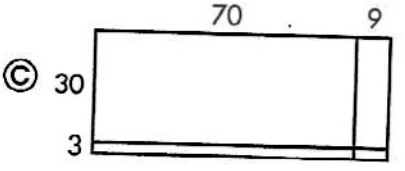
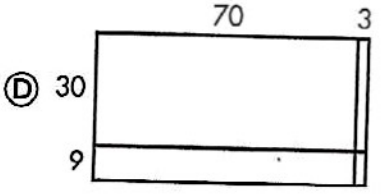
8. Which area model can you use to find 39×73?

Ⓐ


Ⓑ


Ⓒ


Ⓓ


9. Steve and Juan are reading the same book, and Juan is about $\frac{1}{2}$ of the book ahead of Steve. Which of the following differences most likely represent how much of the book each student has read?

Ⓐ $\frac{8}{9} - \frac{11}{12}$

Ⓑ $\frac{6}{7} - \frac{1}{9}$

Ⓒ $\frac{15}{16} - \frac{3}{8}$

Ⓓ $\frac{3}{5} - \frac{6}{11}$

10. Which comparison is correct?

Ⓐ $\frac{2}{10} > \frac{3}{5}$

Ⓑ $\frac{2}{4} > \frac{4}{8}$

Ⓒ $\frac{2}{3} < \frac{10}{12}$

Ⓓ $\frac{9}{12} < \frac{3}{6}$

11. Which decimal makes the comparison true?

$7.68 >$

Ⓐ 8.81

Ⓑ 8.68

Ⓒ 7.86

Ⓓ 7.56

12. Find the sum. $12.9 + 4.5 + 3.66$

Ⓐ 4.74

Ⓑ 16.14

Ⓒ 16.4

Ⓓ 21.06

13. Find the sum.

$8{,}852 + 4{,}113$

Ⓐ 11,956

Ⓑ 12,865

Ⓒ 12,965

Ⓓ 13,065

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14. Brandy made 7 batches of cookies. Each batch contained 12 cookies. She put the same number of cookies in each of 5 bags. How many cookies were not put in bags?

Ⓐ 16 cookies

Ⓑ 12 cookies

Ⓒ 4 cookies

Ⓓ 2 cookies

15. Ellen is making jewelry sets that contain a bracelet and a pair of earrings. Each bracelet uses 3 times as many beads as one earring. Ellen uses 13 beads for each earring. How many beads does Ellen need to make one jewelry set?

Ⓐ 13 beads

Ⓑ 39 beads

Ⓒ 52 beads

Ⓓ 65 beads

16. Inez and Joel work at a store that sells cell phones. Inez worked for 7 hours and 23 minutes. Joel worked for 4 hours and 51 minutes. How much longer did Inez work than Joel?

Ⓐ 2 hours 32 minutes

Ⓑ 12 hours 14 minutes

Ⓒ 3 hours 28 minutes

Ⓓ 3 hours 32 minutes

17. Which is the same length as 4 kilometers?

Ⓐ 4,000 meters

Ⓑ 4,000 centimeters

Ⓒ 4,000 millimeters

Ⓓ 40,000 millimeters

18. The following are rules for repeating patterns. For which rule will the 12^{th} shape be a circle?

Ⓐ Triangle, Circle, Square

Ⓑ Circle, Square

Ⓒ Rectangle, Circle

Ⓓ Circle, Circle, Triangle

19. Subtract.

50,032 − 17,956

Ⓐ 47,924

Ⓑ 42,976

Ⓒ 32,136

Ⓓ 32,076

20. Mateo bought 4.54 pounds of Fuji apples, 6.8 pounds of Red Delicious apples, and 3.7 pounds of Golden Delicious apples. How many more pounds of Red Delicious apples than Golden Delicious apples did he buy?

Ⓐ 3.1 pounds

Ⓑ 0.84 pounds

Ⓒ 2.26 pounds

Ⓓ 4.17 pounds

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21. Franco made a dozen muffins for his party. Upon taking them out of the oven, he noticed that 2 of the muffins were badly burned. Franco served $\frac{7}{10}$ of the remaining muffins. Which equation shows the fraction of the non-burned muffins that remains?

Ⓐ $\frac{12}{12} - \frac{7}{12} = \frac{5}{12}$

Ⓑ $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$

Ⓒ $\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$

Ⓓ $\frac{10}{10} - \frac{3}{10} = \frac{7}{10}$

22. Which expression does **NOT** equal $\frac{10}{12}$?

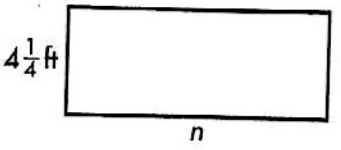
Ⓐ $\frac{5}{12} + \frac{5}{12}$

Ⓑ $\frac{3}{12} + \frac{2}{12} + \frac{2}{12} + \frac{2}{12} + \frac{1}{12}$

Ⓒ $\frac{4}{12} + \frac{3}{12} + \frac{2}{12} + \frac{1}{12}$

Ⓓ $\frac{5}{12} + \frac{4}{12} + \frac{3}{12} + \frac{2}{12} + \frac{1}{12}$

23. The perimeter of the dining room table shown below is 23 feet. What is the missing side length?



Ⓐ 14 feet

Ⓑ $7\frac{2}{4}$ feet

Ⓒ $7\frac{1}{4}$ feet

Ⓓ 7 feet

24. Mandy used the rule "Add 6" to make a pattern. She started with 20 and wrote the next 5 numbers in her pattern. Which number does **NOT** belong in Mandy's pattern?

Ⓐ 26

Ⓑ 32

Ⓒ 38

Ⓓ 43

25. Find the product.

$2{,}715 \times 7$

Ⓐ 14,025

Ⓑ 15,500

Ⓒ 19,005

Ⓓ 21,000

26. Find the quotient.

$463 \div 6$

Ⓐ 72

Ⓑ 77

Ⓒ 77 R1

Ⓓ 707 R1

27. Sara has a rectangular patio. The width of the patio is 12 feet. The perimeter of the patio is 56 feet. What is the length of Sara's patio?

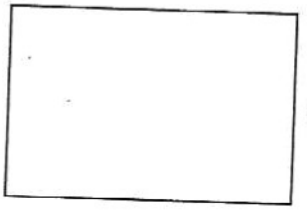
Ⓐ 12 feet

Ⓑ 14 feet

Ⓒ 16 feet

Ⓓ 18 feet

28. The perimeter of this rectangle is 30 units. How long is the longer side?



Ⓐ 24 units

Ⓑ 9 units

Ⓒ 5 units

Ⓓ 6 units

29. Thomas wants to put a fence around a rectangular garden that is 12 feet long and 7 feet wide. How much fencing will he need?

Ⓐ 84 feet

Ⓑ 49 feet

Ⓒ 28 feet

Ⓓ 38 feet

30. Liam bought pizza and wings for $27.58. How much change should Liam receive if he gave the clerk three $10-bills? Use coins and bills to help solve.

Ⓐ $1.52

Ⓑ $2.42

Ⓒ $2.52

Ⓓ $12.42

31. Which are the partial products of 3,706 × 4?

Ⓐ 1,200 280 10

Ⓑ 1,200 280 24

Ⓒ 12,000 2,800 24

Ⓓ 12,000 280 24

32. Find the product.

57 × 34

Ⓐ 399

Ⓑ 1,238

Ⓒ 1,921

Ⓓ 1,938