

LD Mathematics 04 Package#2

Directions: Read the question. Fill in the bubble next to the corresponding question number on your answer sheet.

Sample Question

Sample Item Not Available

Sample Answer Sheet

1. (A) (B) (C) (D)
2. (A) (B) (C) (D)
3. (A) (B) (C) (D)
4. (A) (B) (C) (D)
5. (A) (B) (C) (D)

1

The fourth grade classes at Robinson Elementary are collecting food for a service project. The number of pounds of food collected is shown in the table.

Class	Pounds of Food Collected
Mr. Jacobs	508
Ms. Parker	773
Mr. Reynolds	890
Mrs. Zimmerman	486

How many pounds of food does Mrs. Zimmerman's class and Ms. Parker's class collect?

- A** 1,376 pounds
- B** 1,281 pounds
- C** 1,259 pounds
- D** 994 pounds

- 2** Sherri visited the Farmers' Market in Jackson on Saturday and bought some fresh vegetables as shown in the table.

Vegetable	Amount
Tomatoes	5.15 lbs
Cucumbers	3.57 lbs
Squash	2.75 lbs
Green Beans	1.93 lbs

How many more pounds of tomatoes did Sherri buy than cucumbers?

- A** 1.58 lbs
- B** 1.68 lbs
- C** 2.58 lbs
- D** 8.72 lbs

- 3** Susan measured the length of her desk top to be 73.17 centimeters and the width of her desk top to be 47.35 centimeters.

How much longer is the desk top than it is wide?

- A** 25.82 centimeters
- B** 26.72 centimeters
- C** 26.82 centimeters
- D** 120.52 centimeters

4

Sam measured the length of his dining room table top to be 61.25 centimeters and the width of the table top to be 47.33 centimeters.

How much longer is the dining room table top than it is wide?

A 13.92 centimeters

B 14.02 centimeters

C 14.92 centimeters

D 108.58 centimeters

5

Consider the equation.

$$\square + \frac{8}{100} = \frac{38}{100}$$

Which fraction goes in the box and makes the equation true?

A $\frac{3}{10}$

B $\frac{3}{100}$

C $\frac{8}{10}$

D $\frac{8}{100}$

6

What is $\frac{4}{10}$ as a decimal?

A 0.4

B 0.25

C 0.04

D 2.5

7

Fourth graders at McDougal Elementary School run for 10 minutes at recess. The table shows the distance that four students run.

Student	Distance Run in Feet
Eliza	4,982
Marcos	5,280
Tia	7,031
Xavier	6,482

How many more feet does the student who ran the furthest run than the student who ran the least?

- A** 1,751 feet
- B** 2,049 feet
- C** 12,013 feet
- D** 13,513 feet

- 8** According to the U.S. Census, the population of the state of Texas increased by four million, two hundred ninety-three thousand, seven hundred forty-one people.

Which number represents this word form?

A 4,200,093

B 4,219,741

C 4,293,341

D 4,293,741

- 9** Charlotte has \$46.75 in her pocket. She buys a sandwich for herself and her friend Mateo. Each sandwich costs \$9.75.

How much money does Charlotte have left after paying for both of the sandwiches?

A \$19.50

B \$27.25

C \$37.00

D \$37.75

10

Caleb has \$30 to go to the movies with his friend Nina. Caleb buys a movie ticket for Nina and himself. The cost of each movie ticket is \$11.75.

How much money does Caleb have left over after paying for both movie tickets?

A \$6.50

B \$7.50

C \$18.25

D \$19.25

11

Peaches cost \$2 per pound. Gabriela buys 3 pounds of peaches.

If Gabriela pays with a \$10.00 bill, how much change does she receive?

A \$4

B \$5

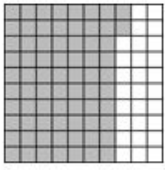
C \$6

D \$9

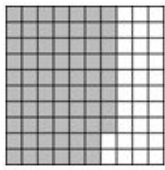
12

Which fraction model represents a value less than 0.68?

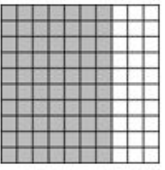
A



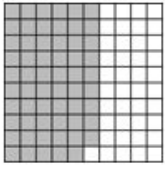
B



C



D

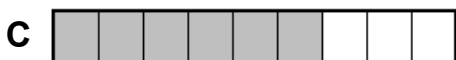


13

Mindy shaded in the rectangle below to represent a fraction.



Which rectangular figure is equivalent to Mindy's shaded diagram?



14

How is $5\frac{4}{5}$ written as an improper fraction (fraction greater than one)?

A $\frac{54}{5}$

B $\frac{29}{5}$

C $\frac{45}{5}$

D $\frac{4}{5}$

15

A recipe calls for $3\frac{2}{3}$ cups of milk.

Which improper fraction (fraction greater than one) is equivalent to this amount?

A $\frac{8}{3}$

B $\frac{11}{3}$

C $\frac{18}{3}$

D $\frac{32}{3}$

16

How can 0.65 be written as a fraction?

A $\frac{65}{100}$

B $\frac{65}{10}$

C $\frac{35}{100}$

D $\frac{35}{10}$

- 17** Use the table to answer the question.

College Student Populations

University	Population
Duke University	12,995
North Carolina A&T State University	10,322
North Carolina State University	30,132
University of North Carolina at Chapel Hill	28,156
University of North Carolina at Wilmington	11,840

How would North Carolina State University's population be written in expanded form?

- A** $(3 \times 1,000) + (1 \times 100) + (3 \times 10) - (2 \times 1)$
- B** $(3 \times 10,000) + (1 \times 100) + (3 \times 10) + (2 \times 1)$
- C** $(3 \times 10,000) + (1 \times 1,000) + (3 \times 100) + (2 \times 10)$
- D** $(3 \times 1,000) + (1 \times 100) + (3 \times 10) + (2 \times 1)$

- 18** Which number represents twenty-two thousand thirty-two?

- A** 2,032
- B** 2,232
- C** 22,032
- D** 22,320

19

Which number represents four thousand eight hundred nineteen?

A 40,819

B 4,0819

C 4,809

D 4,819

20

Which symbol can be placed in the box to compare the numbers *correctly*?

84,499 84,512

A <

B >

C =

D ≥

21

What digit can be put in both blanks to make the statement true?

$$6 _ , 839 > 68, _ 39$$

A 0**B** 6**C** 7**D** 9**22**

What is the expanded form of 200,809?

A $(2 \times 1) + (8 \times 1) + (9 \times 1)$

B $(2 \times 100) + (8 \times 10) + (9 \times 1)$

C $(2 \times 100,000) + (8 \times 100) + (9 \times 1)$

D $(2 \times 100,000) + (8 \times 1,000) + (9 \times 1)$

23

Four students are instructed to make a comparison between two numbers of their choice. The table shows the responses of the four students.

Student	Number Comparison
Andre	$1,564 = 1,546$
Brynn	$8,125 < 8,347$
Cedric	$36,518 < 35,629$
Danielle	$90,270 = 90,027$

Which student's comparison is correct?

A Andre

B Brynn

C Cedric

D Danielle

24

Which is equal to 5,329?

A 53 hundreds + 29 ones

B 53 hundreds + 29 tens

C 53 thousands + 29 ones

D 53 thousands + 29 tens

25

There are 12,043 people living in a town. Which expression represents 12,043 written in expanded form?

A $10,000 + 2,000 + 400 + 30$

B $10,000 + 2,000 + 40 + 3$

C $1,000 + 200 + 400 + 3$

D $1,000 + 200 + 40 + 3$

26

Mr. Wong wrote these two numbers on the board.

44, 11

What is the product of the two numbers?

A 33

B 55

C 444

D 484

27 Mr. Johnson's bakery made 20 dozen cookies to sell yesterday.

How many total cookies did the bakery make yesterday?

A 200 cookies

B 220 cookies

C 240 cookies

D 260 cookies

28 Mrs. Jones wrote these 2 numbers on the board.

42 and 13

What is the product of the 2 numbers?

A 29

B 55

C 168

D 546

29

If the Brinn family gives \$200 each month to charity, how much money will they have given in 8 months?

A \$160

B \$1,600

C \$16,000

D \$160,000

30

What is $5,340 \times 6$?

A 880

B 890

C 3,240

D 32,040

31 What is $3,460 \times 4$?

A 12,840

B 12,944

C 13,840

D 13,944

32 What is the product of 229 and 6?

A 1,358

B 1,368

C 1,374

D 1,384

33 What is the product of 72 and 19?

A 1,358

B 1,368

C 1,374

D 1,384

34

Sandra used the multiplication array to solve 24×35 .

X	20	4
30	600	<i>b</i>
5		

Part A

What number should replace the b in the box?

A 20**B** 80**C** 100**D** 120

35

Sandra used the multiplication array to solve 24×35 .

X	20	4
30	600	<i>b</i>
5		

Part B

What is the product of the problem represented in the array?

A 840**B** 820**C** 775**D** 745**36**

Sam's vegetable garden contains 57 rows of corn with 45 corn stalks on each row.

How many corn stalks are there in Sam's whole garden?

A 2,565**B** 2,335**C** 513**D** 102

37

A scientist estimates that the number of ants in a colony is *about* 550,000 when rounded to the *nearest* thousand. Which *could* be the exact number of ants in the colony?

A 549,412

B 549,760

C 550,514

D 550,894

38

The table shows the populations of five towns.

Town	Population
East River	23,398
North Haverbrook	23,965
Ogdenville	24,134
Shelbyville	24,049
Springfield	24,225

Which two towns have populations of *about* 24,000 when rounded to the *nearest* hundred?

A East River and North Haverbrook

B Ogdenville and Shelbyville

C Shelbyville and North Haverbrook

D Springfield and Ogdenville

39

Jacques, a stamp collector, has 23,579 stamps. How many stamps would he have rounded to the *nearest* thousand?

A 20,000

B 23,580

C 23,600

D 24,000

40

What is 517,750 rounded to the *nearest* hundred thousand?

A 500,000

B 510,000

C 520,000

D 600,000

41

What is 483,092 rounded to the *nearest* ten thousand?

A 480,000

B 484,000

C 490,000

D 500,000

42

What is 306,492 rounded to the *nearest* thousand?

A 306,000

B 306,400

C 306,500

D 307,000

43

On Valentine's Day, 346,198 people flew in or out of the Greensboro airport.

To the *nearest* ten thousand, how many people flew in or out on that day?

A 340,000

B 350,000

C 350,100

D 350,200

44

What is 4,365 rounded to the *nearest* thousand?

A 4,000

B 4,400

C 4,600

D 5,000

45

What is another way to write 4,190?

- A** four thousand one hundred ninety
- B** four thousand nineteen hundreds
- C** four thousand one hundred ninety-two
- D** four thousand one hundred ninety-five

46

Which number makes the number sentence true?

$240,392 > \underline{\hspace{2cm}}$

- A** 230,392
- B** 240,392
- C** 245,392
- D** 250,392

47

Kyle writes the number four hundred six thousand forty. What number does he write?

A 406,040

B 406,004

C 400,604

D 46,400

48

What is 438,094 in expanded form?

A $400,000 + 30,000 + 800 + 90 + 4$

B $400,000 + 3,000 + 8,000 + 900 + 4$

C $400,000 + 30,000 + 8,000 + 90 + 4$

D $40,000 + 3,000 + 800 + 90 + 4$

49

Which expression represents the number 4,545?

A $5,000 + 500 + 40 + 5$

B $4,000 + 500 + 40 + 5$

C $4,000 + 400 + 40 + 5$

D $5,000 + 400 + 40 + 5$

50

Which expression represents five thousand four hundred fifty-five?

A $5,000 + 400 + 50 + 5$

B $5,000 + 400 + 40 + 5$

C $4,000 + 500 + 50 + 5$

D $4,000 + 500 + 40 + 5$

51

Matt writes the number thirteen thousand thirty. What number does Matt write?

A 13,003

B 13,030

C 13,300

D 13,330

52

Julio read seven hundred nineteen pages in his book. How many pages did he read?

A 719

B 791

C 7,190

D 7,019

53 Which represents 7,632?

A $7 + 60 + 300 + 2,000$

B $7,000 + 600 + 30 + 2$

C $7,000 + 60 + 32$

D $76 + 32$

54 How can 59,253 be written in expanded form?

A $50,000 + 9,000 + 200 + 50 + 3$

B $50,000 + 900 + 20 + 50 + 3$

C $5,000 + 9,000 + 200 + 50 + 3$

D $5,000 + 900 + 20 + 50 + 3$

55 Which choice is the same as 4,655?

A four thousands, sixty-five hundreds, and five ones

B forty six hundreds, five tens, and five ones

C four thousands, sixty hundreds, and fifty-five ones

D forty six hundreds, fifty tens, and five ones

56 Randal wrote a check for \$75,075. Which is the written form of this number?

A seventy five thousand seven hundred fifty dollars

B seventy five thousand seventy five dollars

C seventy five hundred seventy-five dollars

D seventy five hundred seven hundred five dollars

57 The table shows the zoo attendance from 2006-2009.

Zoo Attendance 2006-2009	
Year	Attendance
2006	767,005
2007	776,390
2008	747,100
2009	700,760

Which year did $700,000 + 60,000 + 7,000 + 5$ people go to the zoo?

A 2006

B 2007

C 2008

D 2009

58

A new motorcycle costs \$12,752. How is 12,752 written in expanded form?

A $10,0000 + 200 + 700 + 50 + 2$

B $10,000 + 2,000 + 700 + 50 + 2$

C $1,000 + 2,000 + 700 + 50 + 2$

D $1,000 + 200 + 700 + 50 + 2$

59

Tammy read a number which was printed as seven hundred seven thousand five hundred five. Which choice shows this amount in number form?

A 770,550

B 770,505

C 707,550

D 707,505

60

Which is the correct expanded form of the number 505,055?

A $500,000 + 50,000 + 50 + 5$

B $500,000 + 5,000 + 50 + 5$

C $50,000 + 5,000 + 500 + 5$

D $50,000 + 5,000 + 50 + 5$

61

Which is the correct expanded form of the number 770,770?

A $700,000 + 70,000 + 700 + 7$

B $700,000 + 70,000 + 700 + 70$

C $70,000 + 7,000 + 700 + 70$

D $70,000 + 7,000 + 70 + 7$

62

Which number is greater than 764?

A seven hundred twenty nine

B seven hundred fifty eight

C seven hundred seventy two

D seven hundred sixty four

63 The Raleigh-Durham airport has about 24,657 travelers per day. How is this number written in word form?

A twenty four thousand six hundred fifty seven

B twenty thousand four hundred six hundred fifty seven

C twenty thousand four thousand six hundred fifty seven

D twenty four thousand sixty fifty-seven

64 Thomas wrote a check for six hundred seven thousand six hundred seven dollars. Which choice is the number form for the amount of the check?

A \$670,670

B \$670,607

C \$607,670

D \$607,607

65

Dr. Ahmed writes a chart of the number of patients he has served each year.

Year	Number of Patients Seen
2007	49,540
2008	49,045
2009	49,450
2010	49,504

Which comparison is correct?

A $49,504 < 49,045$

B $49,540 < 49,450$

C $49,045 > 49,450$

D $49,504 > 49,450$

66

Which words describe the number 4,545?

A four thousand five hundred

B four thousand five hundred five

C four thousand five hundred fifty five

D four thousand five hundred forty five

67

The table represents the number of visitors last week to the Eastern Aquarium.

Eastern Aquarium Attendance	
Day	Number of Sales
Monday	4,450
Tuesday	5,008
Wednesday	4,330
Thursday	4,003
Friday	4,780
Saturday	5,870
Sunday	5,756

Which day of attendance at the aquarium is written in expanded form as $5,000 + 800 + 70$?

A Thursday

B Friday

C Saturday

D Sunday

68

What is another way to write four million six hundred thirty thousand one hundred twenty?

A 46,120

B 4,603,120

C 4,630,012

D 4,630,120

69

Sasha writes the number thirty thousand three hundred three.
What number does she write?

A 30,303

B 30,330

C 33,303

D 33,333

70

How can 4,219 be written in words?

A four hundred twenty-nine

B four two hundred nineteen

C four thousand two hundred nineteen

D fortytwo thousand one hundred nine