

Rising Grade 5

# Math Summer Review Packet 2022 - 2023

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NAME \_\_\_\_\_

*Due On The First Day Of The School*

*The problems in this packet are designed to help you review topics from previous mathematics courses that are essential to your success in Grade 5. You are expected to bring this completed packet to class on the first day of school. Please note that this packet will contribute to your first quarter grade, as you will be assessed on its content upon your return. The topics covered in the packet align with Grade 4 objectives. Neatly **SHOW YOUR WORK** for each question on this packet.*

## Grade 4 Moving to Grade 5 Summer Packet - 2022 - 2023

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1 Find the first five multiples of the number 5.

1

2

3

4

5

2 List all of the factors of 36 in increasing order.

1

2

3

4

5

6

7

8

9

3 Write the word form of 21,002

4 What place value does the 5 represent in 0.53

5 John is writing the first five numbers of a pattern. He starts with 4 and triples it to get the number number in the set. Continue John's rule and fill in the boxes with the next three numbers in the pattern.

4

1

2

3

6 In all, the dogs performed 42 tricks at the dog show.

If each dog performed 7 tricks, how many dogs performed tricks?

1

dogs

Write a division sentence to show the problem.

2

\*use a / as a division symbol.

7 Fill blank boxes with the right answer.

**Lindsey has saved \$5. Trey has saved twelve times as much as Lindsey. How much does Trey have saved?**

8

Daniel is putting his baseball cards into an album. He can fit 6 baseball cards on to each page.  
If Daniel has 584 baseball cards, how many pages will he need in his album to fit all of the cards?

9

A pattern is generated using this rule:  
Start with the number 7 as the first term and add 5.  
Enter numbers into the boxes to complete the table.

Term	Number
First	7
Second	<input type="text" value="1"/>
Third	<input type="text" value="2"/>
Fourth	<input type="text" value="3"/>
Fifth	<input type="text" value="4"/>

10

Brianna spent \$65 on necklaces and bracelets at a craft fair.  
She spent \$23 on bracelets and the rest on necklaces.  
If the necklaces all cost the same and Brianna bought 3 of them, how much did each necklace cost?  
\$

11

Solve the problem below on scratch paper. Type your answer in the box below.

$$\begin{array}{r} 9,800 \\ - 4,589 \\ \hline \end{array}$$

12

What is 732,402 rounded to the nearest hundred?

13

 $432 \times 10 =$ 

14

What is the value of the 3 in 43,569?

15

Solve the given division problem:

 $9,384 \div 2$ 

Quotient=

16

What is the standard form of  $600,000 + 5,000 + 400 + 7$ 

17

 $26,172 + 18,517 =$ 

18

A farm grows a crop of 45,844 pumpkins. Unfortunately, 9,334 are eaten by animals. How many pumpkins are left from the crop?

19

Ms. Goldstein wants to go on a vacation. Her hotel costs 149\$ a night, and she wants to stay for 3 nights. Her plane ticket costs 345 dollars. How much is she going to spend on the vacation in all?

20

In September, a hot dog company sold 6,864 hot dogs in the United States and 2,063 hot dogs in other countries. How many hot dogs did the company sell during that month?

21

What is 194,658 rounded to the nearest ten thousand?

- 22 A summer camp has 360 campers. If 9 campers can sleep in each cabin.  
The campers will need \_\_\_\_\_ cabins
- 

- 23 Amy is saving money in order to buy a new Chromebook. At her job she makes \$14 each hour she works. Last week she worked 32 hours. How much money has Amy saved so far?
- 

- 24  $100,000 - 42,835$
- 

- 25 Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?
- 

- 26 Fill blank boxes with the right answer.

Use the / sign as your fraction bar.

$$\frac{14}{12} - \frac{5}{12} =$$

- 27 Write  $\frac{16}{5}$  as a mixed number. (Use the / to separate the numerator and denominator.)
- 

- 28 Find the missing value for the equivalent fractions below.

$$\frac{4}{6} = \frac{?}{3}$$

\_\_\_\_\_ is the missing value.

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- 29 Fill in the blank with decimal notation for the fractions given in the first column.

Fraction	Decimal notation
95/100	0.95
109/100	1
48/10	2
111/10	3

- 30 Fill blank boxes with the right answer.

Use the / sign as your fraction bar.

$$\frac{5}{12} + \frac{3}{12} =$$

- 31 Fill blank boxes with the right answer.

Add.

$$1\frac{3}{7} + 2\frac{2}{7} =$$

- 32 What is the total weight of 3 bags if their individual weights are  $\frac{2}{5}$ ,  $\frac{7}{10}$ , and  $\frac{3}{5}$  pound? Give your answer as a mixed number in simplest form.



Fill blank boxes with the right answer.

Distance from School	
Location	Distance (in miles)
Park	$2\frac{2}{10}$
Library	$\frac{5}{10}$
Ice Cream Shop	$1\frac{3}{10}$
Gas Station	$2\frac{7}{10}$
Hot Dog Stand	$\frac{8}{10}$

How much farther is it to walk to the Hot Dog Stand than to the Library?

Fill blank boxes with the right answer.

Farmer John had cows of different colors in the field. If  $\frac{5}{8}$  of the cows have spots and  $\frac{3}{8}$  of the cows do not have spots, how many more cows have spots? (4.NF.3d)

(a)

(b)

Explain how you calculated your answer. You must use a complete sentence to receive full credit.

0 Words

Fill blank boxes with the right answer.

Sue is making 2 cakes. She needs  $\frac{3}{4}$  cup of flour for each cake. Her measuring cup only holds  $\frac{1}{4}$  cup of flour. How many times will Sue need to fill the measuring cup in order to get enough flour for both cakes? (4.NF. 4b)

Answer: Sue will need to fill the measuring cup times.



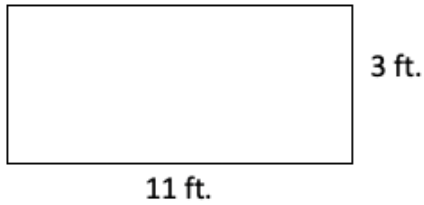
36 Find the value of the variable to make an equivalent fraction.

$$\frac{3}{4} = \frac{p}{12}$$

p =

37 Fill blank boxes with the right answer.

Find the area and perimeter of the rug below.



Area:  ft squared

Perimeter:  ft

38 Fill blank boxes with the right answer.

**Mrs. Edwards has a dog named Gizmo. Gizmo needs a fence put around the yard to be able to go outside and run freely. If Mrs. Edwards' yard is 23 ft by 12 ft, how much fence will she need total?**

feet

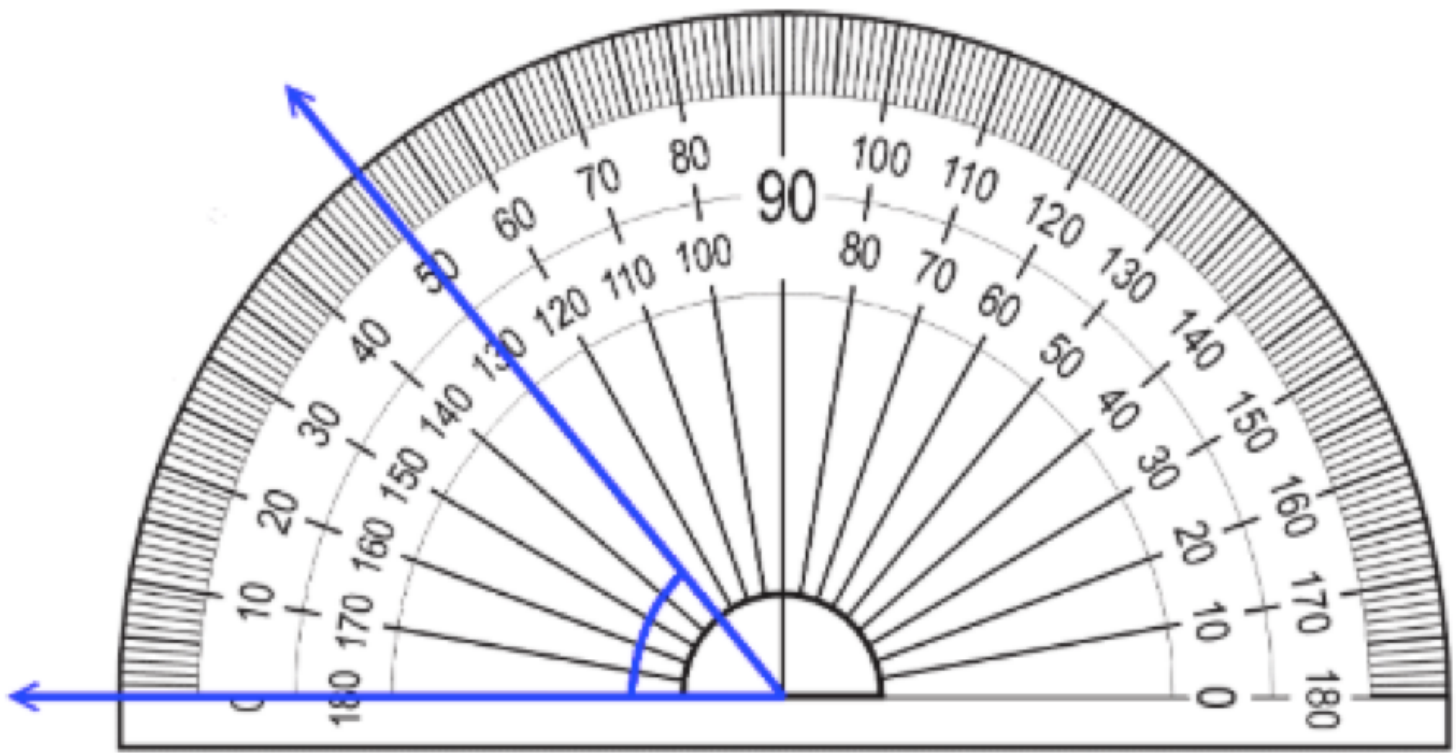
39 The **perimeter** of a rectangle is 734 centimeters, and one of the dimensions is 116 centimeters. What is the length of the other dimension? Use labeled sketches and equations to model and solve this problem. Show all your work. Label your answer with the correct units.

The length of the other dimension is .

40 Fill blank box with the correct answer. 2points (1 point for the correct answer, 1 point for showing your work.)

A rectangle that is 6 feet wide has an area of 54 square feet. What is the perimeter of the rectangle? The perimeter of the rectangle is  feet.

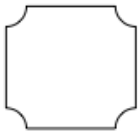
41



Ms. M is measuring an angle with a protractor. What is the measurement of the angle?

42

How many lines of symmetry does the shape below have?



43

Equilateral triangle XYZ has a perimeter of 21 inches. What are the lengths of the sides of the triangle?

The lengths of the sides of the triangle are \_\_\_\_\_ inches.

44

Simplify the numerical expression  $(15 \div 3) \times 2 + 10$

45

A large department store has 872 hats and 422 scarves. They sell half of their hats and scarves. How many items of winter clothing have they sold in all?

46

Mr. Kowolski ordered 35 boxes of granola bars. Each box contained 24 granola bars.

What is the total number of granola bars Mr. Kowolski ordered?

Enter your answer in the box.

47

An animal weighs 4 pounds. A bald eagle weighs 3 times as much as this animal. How many pounds does the bald eagle weigh?

Enter your answer in the box.

48

Mr. Smith paid \$232,300 for his home and \$33,560 for his car. Mr. Lewton paid a total of \$282,106 for his home and car combined. How much more money did Mr. Lewton pay than Mr. Smith for a home and car?

(A) \$265,860

(B) \$248,546

(C) \$49,806

(D) \$16,246

49

Mr. Stevenson owns a bookstore. At the beginning of January, he had 528,741 books in his store. He sold 3,582 books that month and gave away 863 books.

(a)

**Part A**

About how many books are left in the store? Estimate by rounding each number to the nearest thousand.

There are about  books left in the store.

**Part B**

Use the standard subtraction algorithm to find the exact number of books left in the store. Is your answer reasonable based on your estimate in part A? Explain.

There are  books left in the store.

**Explanation**

(b)

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50

A fruit seller has **264** oranges packed in bags, with **8** oranges in each bag. She sells each bag of oranges for **\$4**. How much money does the fruit seller collect if she sells all the bags? Use paper to show your work. Enter your answer in the box.

The fruit seller collects \$

.

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