5th Grade Math
Summer Packet
Students entering 5th Grade

We’ve redesigned the packet and provided a pacing guide for the work beginning the first week of July. We recommend that students work at the suggested pace throughout the summer rather than all at once right after school ends or just before the beginning of the year.

Challenge yourself. Some questions will be simple while others may be difficult. Take your time, show your work and do your best. If you need help, you can use Khan Academy and search the Standards shown in the pacing guide below.

In addition to these weekly problems, we encourage you to maintain your fact fluency by playing fact games as well as using the computer-based resources such as Thinking Block – Model and Solve Word Problems.

Have a wonderful summer and see you in the Fall!

Pacing Guide

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PLEASE BRING THIS COMPLETED PACKET WITH YOU ON THE FIRST DAY OF SCHOOL!

Name: _______________________________
1. Jeremiah has 5 times as many books as Steven. If Steven has 9 books, how many books does Jeremiah have?

A. 5  
B. 14  
C. 36  
D. 45

2. Lara is making energy bars for the soccer team. She cuts each pan of energy bars into 9 squares. If there are 12 players on the team and she makes 4 pans of energy bars, how many energy bars will each player get?

A. 36 bars  
B. 27 bars  
C. 9 bars  
D. 3 bars

3. Which number is 8000 + 20 + 6?

A. 8,000,206  
B. 8206  
C. 8026  
D. 826

4. What is 1984 rounded to the nearest TEN?

A. 1980  
B. 1985  
C. 1990  
D. 2000

5. Enter the product.

\[ 7384 \times 6 \]
What is 621 less than 2,040?

A. 1,419  
B. 1,519  
C. 2,581  
D. 2,661

Which of the following will make the number sentence true?

\[
\frac{5}{8} \quad \underline{\quad} \quad \frac{5}{6}
\]

A. <  
B. >  
C. =  
D. cannot compare

Which statement best describes these two fractions?

A.  
B.  

A. B has fewer parts  
B. B is the same as A  
C. B is smaller than A  
D. B is larger than A
Mr. Robin assigns \( \frac{3}{4} \) hour of homework each day to his students for 4 days in a row. How many total hours of homework does Mr. Robin assign his students?

A. \( \frac{3}{16} \) hour
B. \( \frac{12}{16} \) hour
C. \( \frac{12}{4} \) hours
D. \( 4 \frac{3}{4} \) hours

There were 12 balloons at the party. Sergio popped 3 balloons and Kevin popped 4 balloons. What fraction of the balloons did the boys pop together?

A. \( \frac{3}{4} \)
B. \( \frac{7}{12} \)
C. \( \frac{4}{12} \)
D. \( \frac{3}{12} \)
11 Choose all of the equations that are true.

A. \[0.02 = \frac{2}{100}\]

B. \[0.05 = \frac{5}{10}\]

C. \[0.3 = \frac{3}{10}\]

D. \[0.6 = \frac{60}{10}\]

E. \[0.8 = \frac{8}{100}\]

F. \[0.9 = \frac{90}{100}\]

12 Lexie drew a model with 100 squares and 17 of the squares were shaded. What number represents the non-shaded part of the model?

A. .017
B. .083
C. .17
D. .83

13 Find the perimeter of the rectangle below:

A. 8 cm
B. 9 cm
C. 16 cm
D. 18 cm

14 Identify the angle type below.

A. right
B. acute
C. obtuse
D. straight
15. The Greene family went to the amusement park. 
   They spent $45 on admission tickets 
   They spent $18 less than that on food. 
   How much did the Greene family spend in all?

16. Sara bought decorations for her party. 
   She paid $5 for balloons and $18 for tablecloths. 
   She also spent $9 for streamers. 
   She paid the cashier and got $8 back. 
   How much money did Sara give to the cashier?

17. Timmy wants to buy a bicycle that costs $140 
   He has already saved $68. 
   He plans to save $8 a month 
   How many months will it take Timmy to save enough money to buy the bicycle?
18. A banquet hall has guest tables that seat 12 people each.  
There are 9 adults at each table.  
All of the seats are filled and the rest of the seats are occupied by children.  
There are 72 adults at the banquet.  
How many guests are there altogether?

19. Mrs. Novella ordered 5 books from the Children’s Book Club.  
Shipping and handling charges were $1.30 per book.  
Each book cost the same amount.  
The total bill was $72.50.  
How much was each book?