D/HH Summer Reading and Math Packet

Our students had a busy year learning new math skills. Mastery of all these skills is extremely important to develop a solid math foundation. The next grade math program will add onto these skills, so any time spent learning or reinforcing these concepts will be very beneficial for your child. Each year builds upon the previous year's skills in math. Any areas your child has difficulty, you may want to give them additional practice. Student mastery of the basic math skills is as important to success in future mathematical procedures and reasoning as learning the alphabet is to reading and writing. Please return this completed packet by August 12th. After your child has completed the math problems and you feel your child is still struggling on a certain concept and needs further practice, please note that on the packet. You can also make up problems of your own for additional practice.

Reminder - Practicing multiplication (up to 12) and division facts are VERY important!

Enjoy your summer and see you in August!!

Other games and activities you can play:

- Take a deck of cards and remove the face cards (kings, queens, jacks). Aces are one. Divide the cards evenly among 2 players. Each player flips over a card. The first one to add the 2 numbers correctly wins the cards. After going through the pile of cards, the player with the most cards wins. You can do a multiplication version also.
- Drill flash cards.
- Follow a recipe/use measurements Handle cash/figure change due Tell time.
- Figure elapsed time/amount of time from start to finish of activity

Summer Reading Challenge! Color a box after you complete the task. Try and complete the whole challenge this summer!

A Read a book by your favorite **author**	**B** Read a **biography**	**C** Read a **chapter** book	**D** Read a **detective** story	**E** Read a book with **exciting** facts	**F** Read a **fantasy** book	**G** Read a book with a **glossary**
H Read a book about a **historical** event	**I** Read a book by an author with your same last **initial**	**J** Read a **joke** book	**K** Read a book to another **kid**	**L** Take a trip to the **library**	**M** Read a **magazine**	**N** Read a **non-fiction** book
O Read **outside**	**P** Read a **poem**	**Q** Read a book of **quotes**	**R** Spend one whole day **reading**	**S** Read a book with an interesting **setting**	**T** Read a **tall** tale	**U** Read a book **under** the stars
V Watch a **video** of a book being read aloud	**W** Read a book about something you **wish** you could do	**X** Read a book with **eXpression**	**Y** Read a book to **your** family	**Z** Read a book about a **zoo** animal	**NAME:**	

MATH TERMS

Sum: the answer to an addition problem.

Difference: the answer to a subtraction problem.

Product: answer to a multiplication problem.

Quotient: answer to a division problem.

Perimeter: You add up all the sides. (You are adding all lengths of the outer edges together.)

Median: Arrange numbers from smallest to largest. What number is in the middle? That is the Median number.

Mode: What number occurs most often? This number is the mode.

Mean: Mean is just another name for average. To find the mean of a data set, add all the values together and divide by the number of values in the set.

Maximum: Largest number in the set of numbers.

Minimum: Smallest number in the set of numbers.

Conversion:

60 seconds = 1 minute
12 inches = 1 foot
60 minutes = 1 hour
3 feet = 1 yard
24 hours = 1 day
12 months = 1 year

10 millimeter = 1 centimeter (approx. 3 ½ centimeters = 1 inch)

100 centimeter = 1 meter (approx. 1 yard)

DO NOT use a calculator when completing this packet.

1. Write the products: Practice any you do not know quickly.

4	8	11	2	2	7	10	12	6	5	9	5	0
x2	x4	x2	x5	x3	x5	x3	x4	x3	x4	x4	x3	x2
3	9	2	5	7	10	6	5	11	1	4	8	11
x3	x5	x7	x5	x4	x4	x4	x2	x5	x3	x5	x2	x4
6	8	6	3	9	10	12	3	7	4	9	4	12
x5	x4	x2	x4	x3	x2	x3	x5	x3	x4	x2	x3	x2

2. Mrs. Count was born in the year one thousand, nine hundred forty-two. In what year was she born?
   A. 1429
   B. 1492
   C. 1924
   D. 1942

3. Which correctly completes the number sentences? 53,277 <_____
   A. 49,999
   B. 50,400
   C. 52,388
   D. 61,003

4. Which number is fifty-two thousand, three hundred nine?
   A. 5,239
   B. 52,039
   C. 52,309
   D. 52,390

5. What is the digit in the ten-thousands place of the number 68,173?
   A. 1
   B. 6
   C. 8

6. What is the place value of the 8 in the number 5,280?
   A. ones
   B. tens
   C. hundreds
   D. thousands

7. Which number is equal to 5,912?
   A. 5 hundreds, 9 tens, and 12 ones
   B. 5 thousands, 91 hundreds, and 12 ones
   C. 5 thousands, 9 hundreds, and 12 ones
   D. 5 thousands, 9 hundreds, 1 ten, and 2 ones

8. The number 9,036 is equal to which of the following?
   A. 900 + 30 + 6
   B. 90 + 30 + 6
   C. 9000 + 30 + 6

9. Which number means 7 thousands, 4 tens and 5 ones?
   A. 745
   B. 7,045
   C. 7,450

10. Which number goes in the blank to make the statement below true?

5,642 < _____ < 6,633

A. 6,931
B. 5,610
C. 6,745
D. 5,841

11. When counting by 6's, which of the following patterns is correct?

A. 0, 6, 12, 16, 22, 28, 34
B. 0, 6, 12, 18, 25, 31, 37
C. 0, 6, 12, 18, 24, 30, 36

12. What number comes next in this pattern 41, 43, 45, 47, _____?

A. 48
B. 49
C. 50

13. Which number can be shared in two equal groups with no remainder?

A. 85
B. 490
C. 223

14. Martina has a new box of 64 crayons. She drops the box and 17 crayons are broken. How many crayons are **NOT** broken?

A. 47 crayons
B. 57 crayons
C. C. 53 crayons
D. 81 crayons

15. How much is 2,470 + 1,423? Show your work.

A. 1,053
B. 3,763
C. 3,893

16a. 82 subtract 65 =

A. 17
B. 23
C. 27
D. 13

16b. 61 subtract 18 =

A. 52
B. 57
C. 43
D. 47

17a. 80 subtract 34 =

A. 54
B. 46
C. 56

17b. 85 subtract 64 =

A. 19
B. 21
C. 11

18. How much are 8,965 subtracting 3,525? Show your work.
    A. 5,440 C. 6,440
    B. 5,480 D. 12,490

19. The lunchroom serves only hamburgers and pizza on Mondays. Last Monday, 314 students bought a lunch. There were 97 students who bought hamburgers. Which of the following is ***closest*** to the number of students who bought pizza?
    A. 100 students
    B. 200 students
    C. 300 students
    D. 400 students

20. The best estimate of the sum of 389 and 403 is remember to round:
    A. 600 B. 700
    C. 800 D. 900

21. Which division statement is related to 6 x 4?
    A. 24 divided by 4
    B. 64 divided by 4
    C. 10 divided by 6
    D. 24 divided by 3

22. The division 354 divided by 6 can be used to solve which of the following problems?
    A. How many school children there will be if 6 new students enroll at a school with 354 students?
    B. How many school children will there be in a school if 6 students move away from a school with 354 students?
    C. How many tables for 6 are needed to sit 354 people?
    D. How many celery plants are planted in 6 rows if each row has 354 plants?

23. There are 36 pieces of gum in a bag. Mom empties the bag by giving 6 pieces to each of her children. How many children does she have?
    A. 36 divided by 6 = 6 children
    B. 36 + 6 = 42 children
    C. 36 divided by 9 = 4 children
    D. 36 – 30 = 6 children

24. A classroom has 5 rows of desks with 5 desks in each row. Which number sentence shows how to figure this out?
    A. 5 + 5 = 10 desks
    B. 5 x 5 = 25 desks
    C. 2 x 5 = 10 desks
    D. 5 divided by 5 = 25 desks

25. Which of the following is a true statement?

A. $8 \times 2 = 4 \times 4$
B. $1 \times 1 = 1 + 1$
C. $10 \times 3 = 10 + 10$
D. $6 \times 6 = 5 \times 5 + 1$

26. There are 8 socks in Vic's drawer. How many pairs are there?

A. 2
B. 3
C. 4
D. 16

27. Which of the following is true?

A. $6 \times 3 = 4 \times 4$
B. $20 - 5 = 19 - 3$
C. $9 + 8 = 10 + 7$
D. $2 \times 3 = 2 + 3$

28. Which multiplication fact can be used to find the answer to $56 \div 7$?

A. 7×5
B. 7×8
C. 56×7

29. Susie wants to share 30 candies among 6 friends. How many candies will each friend get?

A. 8
B. 7
C. 6
D. 5

30. What is the missing number in the problem 54 divided by _____ = 6?

A. 7
B. 8
C. 9

31. What is the missing number in the problem 7 x _____ = 56
    A. 7
    B. 8
    C. 9

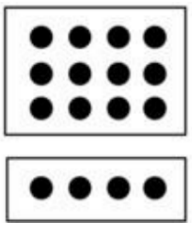
32. Solve this problem in your head: 500 x 6 =
    A. 300
    B. 530
    C. 3000

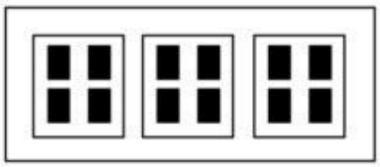
33. John had exactly 32 pennies. He sorted the pennies into stacks of 5 pennies each. How many pennies were left over?
    A. 37
    B. 6
    C. 2
    D. 0

34. 27 students want to join teams for relay races. Each team must have 4 students. How many complete teams can be made? Would any students be left out, if any?
    A. 5 complete teams with 2 students left out
    B. 6 complete teams with 3 students left out
    C. 7 complete teams with 0 students left out

35. May has 10 eggs that she can use to make cookies for the bake sale. Each cookie recipe calls for 3 eggs. How many full recipes can she make and how many eggs will be left over, if any?
    A. 2 full recipes with 4 eggs left over
    B. 3 full recipes with no eggs left over
    C. 3 full recipes with 1 egg left over

36. Which picture represents the equation 12 ÷ 3 = 4?

a 

b 

c 

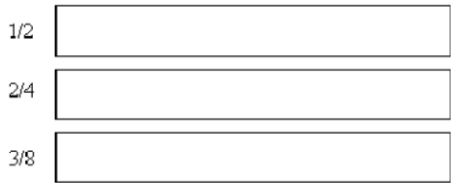
37. A teacher marks 10 of her students' tests every half hour. It takes her one and one half hours to mark all her students' tests. How many students are in her class?
    A. 5
    B. 15
    C. 20
    D. 30

38. What fraction is shown by this strip?

A. $\frac{3}{4}$ B. $\frac{3}{6}$ C. $\frac{3}{7}$

39. Which of these two fractions are equivalent? Draw fraction strips to help you figure this out.

$\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{8}$

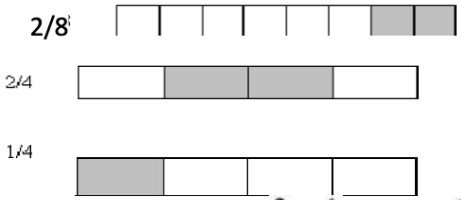


A. $\frac{1}{2}=\frac{2}{4}$ B. $\frac{1}{2}=\frac{3}{8}$ C. $\frac{2}{4}=\frac{3}{8}$

40. Since 4 x 10 = 40, and 40 x 5 = 200, then which of the following is true?

A. 14 x 45 = 200
B. 4 x 10 x 40 = 200
C. 4 x 10 x5 = 200
D. 40 x 10 x 5 = 200

41. Which two of these fractions are equivalent?



A. $\frac{2}{8}=\frac{2}{4}$ B. $\frac{2}{8}=\frac{1}{4}$ C. $\frac{2}{4}=\frac{1}{4}$

42. Which set shows fractions ordered from least to greatest? Draw a picture.

A. $\frac{1}{4}, \frac{1}{2}, \frac{6}{8}$

B. $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$

C. $\frac{1}{2}, \frac{2}{4}, \frac{3}{8}$

43. Which group of fractions is in order from least to greatest? Draw a picture.
    A. 2/2, 3/8, 3/4
    B. 2/2, 3/4, 3/8
    C. 3/4, 3/8, 2/2
    D. 3/8, 3/4, 2/2

44. Which set shows fractions ordered from least to greatest? Draw a picture.
    A. 1/4 , 1/2 , 6/8
    B. 1/2 , 1/4 , 1/8
    C. 1/2 , 2/4 , 3/8

45. How many half dollars are there in $4.50?
    A. 9 half dollars
    B. 18 half dollars
    C. 10 half dollars

46. Ben, Susan, Alex and Tonya each received ¼ of a dollar. How much is that?
    A. $25
    B. $.025
    C. $0.25
    D. $2.5

47. Eva has $4.00 to spend on apples. Each apple costs $0.50. How many apples can Eva buy?
    A. 2
    B. 4
    C. 6
    D. 8

48. Which coins does 0.50 and 0.25 represent?
    A. 2 quarters and 2 dimes
    B. 1 nickel and 1 quarter
    C. 1 half dollar and 1 quarter
    D. 5 dimes and 1 nickel

49. Ron, Nita, Donna and David shared $1.00 equally. What was the exact amount each one received?
    A. $0.25
    B. $0.30
    C. $0.50
    D. $0.75

50. Michelle has a string which is 3 feet and 8 inches long and John has a string which is two feet and six inches long. How much longer is Michelle's string?
    A. 2 inches
    B. 10 inches
    C. 1 foot and 2 inches
    D. 1 foot and 10 inches

51. _____ days in a week _____ minutes in an hour _____ ounces in a pound

_____ months in a year _____ inches in a foot _____ seconds in a minute

_____ hours in a day _____ feet in a yard _____ weeks in a year

54. Mike began his bike ride at 2:40 p.m. and finished the ride at 3:20 p.m. How many minutes did Mike ride?

A. 20 minutes
B. 40 minutes
C. 60 minutes

55. What is the date two weeks after June 8?

JUNE

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

A. June 10
B. June 15
C. June 22

56. Mary has a piano recital on May 25. Today is April 28. How long must she wait before the recital day?

APRIL

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

A. 3 weeks 2 days
B. 3 weeks 6 days
C. 4 weeks 2 days

57. Joey is meeting Tom at the movies at 1:45. The clock below shows what time it is now. How much time does Joey has to wait before he meets Tom?

A. 4 hours 45 minutes
B. 5 hours 20 minutes
C. 7 hours 20 minutes

58. Kim's little sister just turned 2 years old today. How many months old is her little sister?
    A. 2 months
    B. 12 months
    C. 24 months

59. Eric's disk measures 27 inches. How many feet and inches is that?
    A. 1 foot 3 inches
    B. 2 feet 3 inches
    C. 2 feet 7 inches

60. Which of the following represents the *greatest* length?
    A. 10 inches
    B. 1 ½ inches
    C. 1 ½ feet
    D. 1 foot

61. Which of the following is the shortest measurement?
    A. 1 yard
    B. 2 feet
    C. 26 inches
    D. 1 foot 10 inches

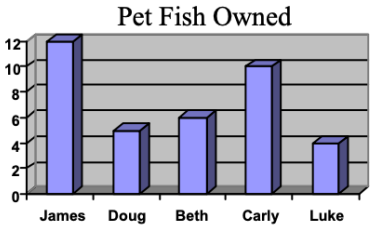
62. Write the products. Any that you do not know quickly, practice.

9	7	5	2	6	7	3	4	5	8	3	11	5
x8	x6	x9	x7	x9	x7	x8	x6	x9	x7	x9	x7	x7

9	2	6	4	5	6	4	8	10	3	7	4	7
x6	x9	x7	x11	x6	x8	x9	x8	x8	x6	x8	x7	x9

2	3	9	8	2	3	9	7	0	2	5	4	6
x6	x12	x9	x6	x8	x6	x7	x8	x9	x12	x8	x9	x6

64. The graph below shows the number of pet fish owned by 5 friends.



What was the minimum number of fish owned by one friend?

A. 12
B. 10
C. 4
D. 2

What was the maximum number of fish owned by one friend?

A. 12
B. 10
C. 4
D. 2

65. It took Lily 35 hours to drive from Michigan to Texas. How many days and hours did she drive?

A. 1 day 11 hours
B. 1 day 19 hours
C. 3 days 5 hours