

Family Game Night



Playing games with your child is a great way to spend quality time together and expose them to mathematics in everyday life. Many board games contain a lot of math and problem solving. Board games especially teach children to move their game piece a specific number of spaces, count money or points, and utilize strategy. Participating in sports activities also teaches averages, addition, strategy, problem solving, and number recognition. Please utilize the attached sheet to record the games your child participates in this summer. An ideal goal would be two games a week throughout the summer.



Websites

www.thinkcentral.com

www.AAAmath.COM

www.brainpopjr.com

www.aplusmath.com

www.mathplayground.com

www.abcya.com

www.commoncoresheets.com

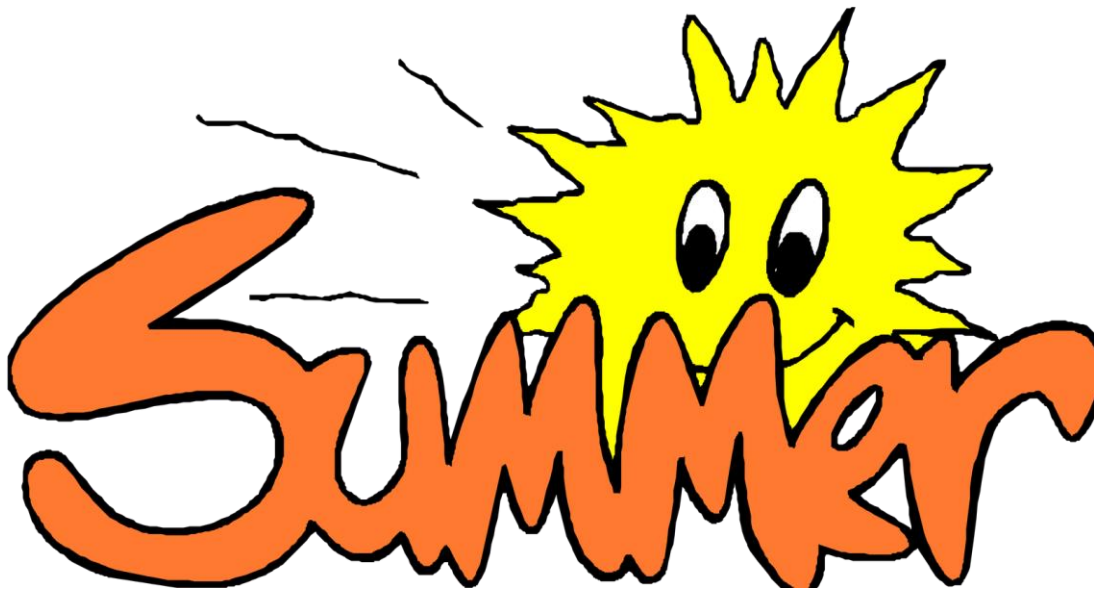
www.coolmath4.com



Summer Math Review Sheets

Name _____ Grade _____

Please complete the attached practice worksheets and return to your teacher on the first day of school! Have a great summer!



Entering 4th Grade Summer Math Packet

First Name: _____ Last Name: _____

I have checked the work completed: _____

Parent Signature

DO NOT use a calculator when completing this packet.

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

a. $4 \times 2 =$ $8 \times 4 =$ $11 \times 2 =$ $2 \times 5 =$ $2 \times 3 =$ $7 \times 5 =$

b. $10 \times 3 =$ $12 \times 4 =$ $6 \times 3 =$ $5 \times 4 =$ $9 \times 4 =$ $5 \times 3 =$

c. $0 \times 2 =$ $3 \times 3 =$ $9 \times 5 =$ $2 \times 7 =$ $5 \times 5 =$ $7 \times 4 =$

d. $10 \times 4 =$ $6 \times 4 =$ $5 \times 2 =$ $11 \times 5 =$ $1 \times 3 =$ $4 \times 5 =$

e. $8 \times 2 =$ $11 \times 4 =$ $6 \times 5 =$ $8 \times 4 =$ $6 \times 2 =$ $3 \times 4 =$

f. $9 \times 3 =$ $10 \times 2 =$ $12 \times 3 =$ $3 \times 5 =$ $7 \times 3 =$ $4 \times 4 =$

g. $9 \times 2 =$ $4 \times 3 =$ $12 \times 2 =$ $12 \times 4 =$ $9 \times 6 =$ $8 \times 0 =$

2. Mrs. Rodriguez 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? $53,277 < \underline{\hspace{2cm}}$

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?
- 1
 - 6
 - 8
6. What is the place value of the 8 in the number 5,280?
- ones
 - tens
 - hundreds
 - thousands
7. Which number is equal to 5,912?
- 5 hundreds, 9 tens, and 12 ones
 - 5 thousands, 91 hundreds, and 12 ones
 - 5 thousands, 9 hundreds, and 12 ones
 - 5 thousands, 9 hundreds, 1 ten, and 2 ones
8. The number 9,036 is equal to which of the following?
- $900 + 30 + 6$
 - $90 + 30 + 6$
 - $9000 + 30 + 6$
9. Which number means 7 thousands, 4 tens and 5 ones?
- 745
 - 7,045
 - 7,450
10. Which number goes in the blank to make the statement below true?
 $5,642 < \underline{\hspace{1cm}} < 6,633$
- 6,931
 - 5,610
 - 6,745
 - 5,841
11. When counting by 6's, which of the following patterns is correct?
- 0, 6, 12, 16, 22, 28, 34
 - 0, 6, 12, 18, 25, 31, 37
 - 0, 6, 12, 18, 24, 30, 36
12. What number comes next in this pattern 41, 43, 45, 47, _____?
- 48
 - 49
 - 50
13. Which number can be shared in two equal groups with no remainder?
- 85
 - 490
 - 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. 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

16. 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

17. The best **estimate** of the sum of 389 and 403 is:

- a. 600 B. 700 C. 800 D. 900

18. Which division statement is related to 6×4 ?

- a. 24 divided by 4
b. 64 divided by 4
c. 10 divided by 6
d. 24 divided by 3

19. 354 divided by 6 can be used to solve which of the following problems?

- a. How many school children will there 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?

20. 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. $36 \text{ divided by } 6 = 6 \text{ children}$
- b. $36 + 6 = 42 \text{ children}$
- c. $36 \text{ divided by } 9 = 4 \text{ children}$
- d. $36 - 30 = 6 \text{ children}$

21. A classroom has 5 rows of desks with 5 desks in each row. Which number sentence shows how to figure this out?

- a. $5 + 5 = 10 \text{ desks}$
- b. $5 \times 5 = 25 \text{ desks}$
- c. $2 \times 5 = 10 \text{ desks}$
- d. $5 \text{ divided by } 5 = 25 \text{ desks}$

22. 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. $6 \times 6 = 5 \times 5 + 1$

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

- a. 2
- b. 3
- c. 4
- d. 16

24. Which of the following is true?

- a. $6 \times 3 = 4 \times 4$
- b. $20 - 5 = 19 - 3$
- c. $9 + 8 = 10 + 7$
- d. $2 \times 3 = 2 + 3$

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

- a. 7×5
- b. 7×8
- c. 56×7

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

- a. 8 b. 7 c. 6 d. 5

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

- a. 7 b. 8 c. 9

28. What is the missing number in the problem $7 \times \underline{\hspace{1cm}} = 56$

- a. 7 b. 8 c. 9

29. Solve this problem in your head: $500 \times 6 =$

- a. 300 b. 530 c. 3000

30. 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

31. 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

32. Maya 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

33. 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

34. What fraction is shown by this strip?



- a. $\frac{3}{4}$ b. $\frac{3}{6}$ c. $\frac{3}{7}$

35. Since $4 \times 10 = 40$, and $40 \times 5 = 200$, then which of the following is true?

- a. $14 \times 45 = 200$
- b. $4 \times 10 \times 40 = 200$
- c. $4 \times 10 \times 5 = 200$
- d. $40 \times 10 \times 5 = 200$

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

37. Which group of fractions is in order from least to greatest? Draw a picture.

- a. $\frac{2}{2}$ $\frac{3}{8}$ $\frac{3}{4}$
- b. $\frac{2}{2}$ $\frac{3}{4}$ $\frac{3}{8}$
- c. $\frac{3}{4}$ $\frac{3}{8}$ $\frac{2}{2}$
- d. $\frac{3}{8}$ $\frac{3}{4}$ $\frac{2}{2}$

38. Insert $<$, $>$ or $=$ in the following blank lines to make each statement true. Draw a picture to help you.

- a. $\frac{1}{5}$ _____ $\frac{1}{9}$
- b. $\frac{1}{6}$ _____ $\frac{1}{3}$
- c. $\frac{4}{5}$ _____ $\frac{2}{5}$
- d. $\frac{1}{2}$ _____ $\frac{2}{4}$
- e. $\frac{2}{6}$ _____ $\frac{4}{6}$

39. How many half dollars are there in \$4.50? Answer: _____

- a. Draw a picture to illustrate this.

40. 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
41. Ron, Nita, Donna and David shared \$1.00 equally. If each got the same amount of money, how much did each one receive?
a. \$0.25 b. \$0.30 c. \$0.50 d. \$0.75
42. ___ 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
43. Miguel 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
44. What is the date two weeks after June 8?
a. June 10 b. June 15 c. June 22
45. Mary has a piano recital on May 25. Today is April 28. How long must she wait before the recital day?
a. 3 weeks 2 days
b. 3 weeks 6 days
c. 4 weeks 2 days
46. Mohammed'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
47. 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

48. Write the products. Practice any that you do not know.

- | | | | | | |
|--------------------|----------------|-----------------|----------------|-----------------|----------------|
| a. $9 \times 8 =$ | $7 \times 6 =$ | $5 \times 10 =$ | $2 \times 7 =$ | $6 \times 9 =$ | $7 \times 7 =$ |
| b. $3 \times 8 =$ | $4 \times 6 =$ | $5 \times 9 =$ | $8 \times 7 =$ | $3 \times 9 =$ | $1 \times 7 =$ |
| c. $11 \times 7 =$ | $5 \times 7 =$ | $9 \times 6 =$ | $2 \times 9 =$ | $6 \times 7 =$ | $5 \times 6 =$ |
| d. $11 \times 4 =$ | $6 \times 8 =$ | $4 \times 9 =$ | $8 \times 8 =$ | $10 \times 8 =$ | $3 \times 6 =$ |
| e. $7 \times 8 =$ | $4 \times 7 =$ | $7 \times 9 =$ | $2 \times 6 =$ | $3 \times 12 =$ | $9 \times 9 =$ |
| f. $8 \times 6 =$ | $2 \times 8 =$ | $3 \times 6 =$ | $9 \times 7 =$ | $7 \times 8 =$ | $0 \times 0 =$ |
| g. $2 \times 12 =$ | $5 \times 8 =$ | $4 \times 9 =$ | $6 \times 6 =$ | $12 \times 4 =$ | $9 \times 3 =$ |

49. Which of the following is the shortest measurement?

- a. 1 yard
- b. 2 feet
- c. 26 inches
- d. 1 foot 10 inches

50. 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

51. Brad can long jump 1 meter 9 centimeters. How many centimeters is that?

- a. 19 centimeters
- b. 109 centimeters
- c. 1,009 centimeters

52. Draw a rectangle with one side 1 inch and the other side of 3 inches. Then find the perimeter of the rectangle.

- a. 3 inches
- b. 4 inches
- c. 6 inches
- d. 8 inches
- e. 10 inches

53. Mr. Lim's cat weighs 8 pounds 7 ounces. Kaleb's cat weighs 9 pounds 4 ounces. How much do the two cats weigh together?

- a. 18 pounds 11 ounces
- b. 17 pounds 3 ounces
- c. 17 pounds 11 ounces
- d. 18 pounds 3 ounce

54. Find the quotients.

- a. $81 \div 9 =$ _____ $48 \div 6 =$ _____ $18 \div 6 =$ _____ $42 \div 7 =$ _____
- b. $10 \div 2 =$ _____ $54 \div 6 =$ _____ $36 \div 9 =$ _____ $45 \div 5 =$ _____
- c. $72 \div 8 =$ _____ $8 \div 2 =$ _____ $72 \div 9 =$ _____ $6 \div 1 =$ _____
- d. $25 \div 5 =$ _____ $5 \div 5 =$ _____ $18 \div 2 =$ _____ $30 \div 5 =$ _____
- e. $12 \div 6 =$ _____ $4 \div 1 =$ _____ $48 \div 8 =$ _____ $7 \div 7 =$ _____

$2 \overline{)2}$ $3 \overline{)9}$ $8 \overline{)32}$ $7 \overline{)49}$ $5 \overline{)10}$ $4 \overline{)0}$ $1 \overline{)1}$ $4 \overline{)8}$ $2 \overline{)12}$ $9 \overline{)54}$ $1 \overline{)3}$ $1 \overline{)2}$ $2 \overline{)4}$

$8 \overline{)8}$ $7 \overline{)63}$ $8 \overline{)40}$ $5 \overline{)0}$ $4 \overline{)4}$ $4 \overline{)12}$ $9 \overline{)45}$ $9 \overline{)63}$ $6 \overline{)6}$ $3 \overline{)12}$ $1 \overline{)7}$ $3 \overline{)0}$ $1 \overline{)9}$

$2 \overline{)16}$ $3 \overline{)3}$ $3 \overline{)15}$ $5 \overline{)20}$ $3 \overline{)18}$ $3 \overline{)6}$ $5 \overline{)15}$ $7 \overline{)0}$ $9 \overline{)27}$ $4 \overline{)16}$ $7 \overline{)21}$ $4 \overline{)20}$ $7 \overline{)28}$

55. Write the following fractions in decimal form. Remember: . tenths hundredths

$4/10 =$ _____ $8/10 =$ _____ $23/100 =$. _____ $56/100 =$ _____

$8/100 =$ _____ $5/10 =$ _____ $66/100 =$ _____ $2/10 =$ _____

Congratulations! You have completed your summer packet!

Now you're ready for 4th Grade!