

Second Grade Summer Sizzlers



Think Summer, Fun, and Math!

Math Tools You'll Need:

Math Journal or notebook	Regular deck of playing cards
Pencil, crayons	Shopping flyers
Ruler	Coins
	Hundreds Chart

DIRECTIONS:

Do your best to complete as many of these summer math activities as you can! Record your work in your math journal every day. In September return your Math Journal to your 3rd grade teacher and earn a fabulous reward for your hard work.

Each journal entry should:


- ◆ have the date of the entry,
- ◆ have a clear and complete answer
- ◆ be neat and organized.

Here's an example of a "GREAT" journal entry:
July 11

Today I found 3 different ways to make \$1.00. First I used 3-quarters, 2-dimes, and 1-nickel to total \$1.00. Next I had 5-dimes, and 2-quarters and this also totaled \$1.00. Finally I had 2-quarters, 2-dimes, and 6-nickels. These are the three different ways I combined coins to make \$1.00.

Awesome Websites to Check Out:

www.mathcafe.com www.funbrain.com
www.multiplication.com www.aaamath.com
www.aplusmath.com

On a day you see , play a Math Game to practice your number facts. Write the date and the game you played in your journal.

Games to Play (Need deck of cards)

1. Addition or Subtraction (War)

Pass out all cards in the deck among all of the players. Each player flips over two cards. Add or subtract the two numbers showing. Players compare their values and the person with the higher value wins all four the cards.

2. Close to 100

Deal 6 cards to each player. Use any 4 of your cards to make two 2 digit numbers (Aces = 1, Jacks, Queens, and Kings = wild, can be any number). Try to make a combination that when added is close to or exactly 100. Write these two numbers in your journal. Your score is the difference between your total and 100.

Example: You turn over the following 6 cards:

5 4 3 A 8 3

You can combine 48 and 53 to make 101. Your score is 1 since the difference of 101 and 100 is 1. You can make a game board in your journal like this,






Round 1: $48 + 53 = 101$ Score 1

Put the cards you used in the discard pile. Keep the other two for the next round. Pick up four more cards. Play five rounds. Add the score to each round. The lowest score at the end of five rounds wins!!!


Cool Math Books to Read:

The Greedy Triangle by Marilyn Burns
The Doorbell Rang by Pat Hutchins
Amanda Bean's Amazing Dream by Cindy Neuschwander
The Hershey's Milk Chocolate Fraction Book
by Jerry Pallotta
Skittles Riddles Math by Barbara Barbieri McGrath
The Grapes of Math, Math Appeal by Gregg Tang

July 2010 Grade 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Draw a rectangle and a triangle in your journal. How many sides does each one have? How many corners does each one have?	2 Have someone count how many times you can hop on one foot in one minute. Double this number and record it in your journal.	3
4 Happy 4 th of July 	5 Find as many triangles and quadrilaterals as you can in your bedroom. List the things you find in your journal.	6 Find at least 3 different ways to make \$1.00 using nickels, dimes, and quarters. Record it in your journal	7 Complete the Number Pattern 5, 10, 15, __, __, Explain the pattern.	8 If you start watching television at 8a.m. and watch a show for 1 and a half hours, what time is it when you're done?	9 How much money do you have if you have the following: 2-one dollar bills, 3-quarters, 5-dimes, 3-nickels, and 12-pennies.	10
11	12 How much less than 52 is 36? Show how you got your answer in your journal.	13 Count by two's up to 30. Record all the numbers in your journal.	14 Find the sum of 346 and 55. Show your work in your journal.	15 You have 4 lollipops and 1 of them is grape. Write a fraction to show how many lollipops are grape.		17
18	19 Use your hand to measure the length of your bed. How many hands long is it?	20 Jen is 53 inches tall and Deb is 48 inches tall. Who is taller? How much taller is she? Show your work in your journal.	21 Go on a Shape Hunt Look for an item shaped like a square, rectangle and circle in your house. Draw the item.		23 Set the table for supper. Find the total number of plates, glasses, forks, knives, and spoons. Draw a picture of the table.	24
25	26 If you split a pizza evenly among 3 people how much pizza will each person get? Write your answer as a fraction.		28 Measure the length of your bed using a ruler. How many inches long is it? How many feet long is it?	29 Find at least 3 different ways to make \$3.50. You may use any combination of coins or bills that you want. Record it in your journal.	30 Mark and Dan went apple picking. Mark picked 23 apples and Dan picked 77 apples. How many apples did they pick combined?	31

August 2010 Grade 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 $5 + 8 = 4 + \underline{\quad}$ Copy this problem in your journal and fill in the blank with the correct answer. Explain how you got the answer.	3 Count by twos to 100. Write all the numbers in your journal.	4 Find at least 3 different ways to make \$1.50 using nickels, dimes, and quarters. Record your solutions in your journal.	5 Use a grocery store flyer to plan a breakfast. List all the items you need and record the price of each item. How much will the entire breakfast cost?		7
8	9 $15 + 6 = 13 + \underline{\quad}$ Copy this problem in your journal and fill in the blank with the correct answer. Explain how you got the answer.	10 In your journal write the value of the underlined digit in each of the following numbers. <u>1</u> 54, <u>3</u> 65, <u>2</u> 4, and <u>3</u> ,879	11 In your journal, list the months of the year in order starting with the first month of the year.	12 Create a border picture frame and draw a picture of yourself to bring into school in September.	13 Draw a picture of your family from shortest to tallest and label each one.	14
15	16 Write the numbers from 1-100 and circle all multiples of 5. Can you do it without your hundreds chart?	17 Using a pencil, measure how long your bed is. Draw that many pencils.	18 Create a survey for favorite day of the week. Ask at least 20 people. Make a chart of the results.	19 How much money do you have if you have the following coins and bills? 3-one dollar bills, 2-quarters, 3-dimes, and 4-pennies	20 YOU DID IT! Take your journal to school on September 2nd!	21