Get Ready for 4th Grade

Math Tools You'll Need

Pencil, crayons, ruler, regular deck of playing cards or UNO cards, coins, shopping fliers, graph paper

Directions: Do your best to complete as many of these summer mathematics activities as you can!

On a day you **see**  , use flash cards or play a game to practice your number facts.

Cool Mathematics Books to Read:

Counting On Frank by Rod Clement
A Grain of Rice by Helena Clare Pittman
The Hundred Penny Box by Sharon Bell Mathis
Sideways Arithmetic from Wayside School by Louis Sachar

Games to Play (Deck of Cards needed)

1. Multiplication Compare – Remove all the face cards from a regular deck of playing cards. Treat the ace as a one. Deal out all the cards equally between 2 to 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product play 2 more cards. The person with the higher product wins both piles.

2. Close to 1000 –Deal 8 cards to each player. Use any 6 of your cards to make two 3-digit numbers (Aces = 1; Jacks, Queens, & Kings = WILD cards, stand for any digit 0-9). Try to make a combination that when added is close to or exactly 1000. Write these two numbers in your journal. Example: Your turn over

1, 5, 4, 3, 1, 8, 3, 8

You combine 148 and 853 to make 1001. Your score is 1 since the difference between 1001 and 1000 is 1. You make a recording sheet in your journal like this,

Round 1: 148 + 853 = 1001 Score 1

Put the 6 cards you used in the discard pile. Keep the other two for the next round. Pick up 6 more cards and play 5 rounds. Add the score to each round. The lowest score after 5 rounds wins.

Other games to play: Monopoly, Stretego, Othello, Connect Four, War, Battleship, Risk, Mancala, Pente, Simon Yahtzee and Mastermind.

June 2011 4th Grade Mathematics Calendar						
S	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	S
			1 Find and record the Boston temperature from last week. Create a line graph.	**2** Ask ten friends or relatives their age. Identify the range (minimum and maximum age), the mode and the median averages. Record.	**3** Draw a design that has symmetry.	4
5	**6** Draw a picture that only uses geometric shapes. Identify as many shapes as possible.	**7** 	**8** Find a graph in the newspaper or on the computer. Cut and paste it to your journal. Write 3 statements about the graph.	**9** Find a canned food. Record the diameter and the circumference in cm. (Hint: You may need a string for measuring the circumference)	**10** Write your 4 times tables up to 4 x 10. Have an adult quiz you.	11
12	**13** Roll a die 25 times. Record each time. Which number came up the most? The least? What are the chances of rolling a 5?	**14** Add: 469 + 239 = Check your answer with subtraction.	**15** Write a 5 digit number. Use a 5 in the tens place and a 6 in the thousands place.	**16** 	**17** Write the multiplication and division combinations for 6, 7, and 42.	18
19	**20** Add: 1,497 + 2, 864 = Check your work with subtraction.	**21** 	**22** Draw 8 of the same triangles. Color ¼ of the triangles. How many should you color?	**23** John has $10.00. John needs to buy two pens for $1.29 each. Estimate how much it will cost. Find the exact total & change.	**24** Subtract: 857 – 429 = Check your answer with addition.	25
26	**27** Write your 6 times tables up to 6 x 10. Have an adult quiz you.	**28** Round 476 to the nearest tens place? To the nearest hundreds place?	**29** In the number 75,643: What number is in the ones place? Hundreds place? Ten thousands place?	**30** Find the perimeter and area of your front or back door. Record and explain.		

July 2011 4th Grade Mathematics Calendar						
S	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	S
					1 	2
3	**4** Divide: $4\overline{)56}$ Show your work.	**5** Measure your height in inches. How many telephone books would it take to equal your height? Estimate and check using measurement.	**6** Add: $432.17 + $19.20 = Check your answer with subtraction.	**7** What time is it now? What time will it be in 45 minutes? Record.	**8 Complete the problems using >, <, =:** 471 ____ 147 19 + 7 _____ 9 + 20 4 x 9 _____ 6 x 6	9
10	**11** Write a story problem that can be solved using the number sentence 9 x 3 = _____.	**12** If you get up at 7:30 a.m. and need to be at a friend's house by 8:15 a.m. How much time as passed between times?	**13** 	**14** Use a ruler to draw a rectangle measuring 12 cm long and 4 cm wide. Find the area and perimeter.	**15** Lisa has 4 boxes of crayons. Each box has 8 crayons. How many crayons in all?	16
17	**18** 	**19** Roll 2 number cubes 25 times. Multiply to find the product. Record. Create a bar graph to show the results. Describe your data.	**20** How many hours did you sleep last night? Bedtime: _____ Wake time: _____	**21** Multiply: 36 x 27 Use your best strategy!	**22** If you called London England at 8:00 pm Boston Time. What time would it be in London? (Hint: London is 5 hours ahead)	23
24/ 31	**25** Jump rope for one minute. Record how many times you were able to jump. Repeat, trying to beat the time.	**26 Divide:** $3\overline{)76}$ **Show your work.**	27 Find the low and high temperatures for the day. What is the difference between them?	28 Solve. A + 13 = 6 x 8 27 + (3 x 4) = b	29 Get ready to head back to school soon! Study your multiplication facts.	30