

Frenchtown E.S. Summer Math Packet



Entering Grade 2 Fall 2010

First/Last Name: _____

Grade 2 Teacher: _____

Parent Signature: _____

Due by September 3, 2010

June 2010

~~_____~~
Dear Exiting Grade 1 Parents,

Attached is the Frenchtown Summer Math Packet. Please encourage your child to visit the various math websites suggested to practice their math skills over the summer. If you saved addition cards they created this year in math, please continue to review their basic facts. If not, please make or purchase flash cards to maintain their math facts retention over the summer.

Encourage your child to play math games: cards, board games, sports, etc. If your child likes to cook, focus on the math needed to follow and make recipes. If you are traveling over the summer, take out a map and find the distance between two points and discuss the time it will take.

Please return this packet at the beginning of the new school year. Have your child fill out the website chart each time they visit a math site. Attach any certificates they earned on a math site or any other math work they completed.

Prizes will be awarded in September!

Thank you for your support!
The Frenchtown Math Team☺

★ Note: All students entering Grade 2 will be tested on their basic facts to 10 in September 2010.
(Adding and Subtracting)
(ex: $6+2=$ _ | $3+7=$ _ | $8-2=$ _ | $10-3=$ _)



Exiting Grade 1 Summer Math Practice Websites

(Please record the sites your child visits on the attached summer math website chart)

www.mathfactcafe.com – If you click on “pre-made” on the top menu, then “Gr. 1”, you can practice your addition and subtraction facts by strategy. You can also make your own worksheets and print them out. There are also games and practice sections for money and time, which are very important to reinforce as well.

www.quizhub.com – Click on FUN MATH GAMES, then “Math Magician” from the menu to practice your addition and subtraction facts with a timer. You can even print out a certificate when you reach 100% and beat the clock!

www.pearsonsuccessnet.com – Type in Username “FTGRADE1” and password “FTGRADE1”. Select “Student Resources” then “Shapes” for additional practice with geometry concepts. Also, click on E-Tools to practice counting with counters.

<http://www.greece.k12.ny.us/task/activities/elemmath.htm> -Scroll down to grade 1 and try the various math games.

**Additional math sites are on the Trumbull School District website. You can access this list by going to:

www.trumbullps.org – Select “Curriculum”, then “Summer Enrichment”, then “Math Web Links”

Additional

MATH WEBSITES (K-3)

Please check off any websites you use over the summer: > *Record on Website Chart*

Kindergarten Math Review:

- Number Recognition: http://www.abcteach.com/directory/basics/math/number_concepts/
- Math Tools and Manipulatives: http://www.eduplace.com/math/hmm/tools/tt_k.html
- Number Flashcards: <http://www.flashcardmath.com/flashcards/flashcards.htm>

Grade 1 Math Practice:

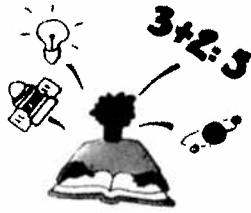
- Addition Practice: <http://www.abcteach.com/directory/basics/math/addition/>
- Math Games: <http://www.primarygames.com/math.htm>
- Math Tools and Manipulatives: http://www.eduplace.com/math/hmm/tools/tt_1.html
- Addition Flashcards: <http://www.flashcardmath.com/flashcards/flashcards.htm>

Grade 2 Math Practice:

- Subtraction Practice: <http://www.abcteach.com/directory/basics/math/subtraction/>
- Fact Families (Addition/Subtraction): <http://www.mathcats.com/explore/factfamilycards.html>
- Addition/Subtraction Practice: http://www.busyteacherscafe.com/units/add_sub_unit.htm
- Math Games: <http://www.primarygames.com/math.htm>
- Math Tools and Manipulatives: http://www.eduplace.com/math/hmm/tools/tt_2.html
- Addition/Subtraction Flashcards: <http://www.flashcardmath.com/flashcards/flashcards.htm>

Grade 3 Math Practice:

- Addition/Subtraction Practice: www.prongo.com/math
- Addition Practice: <http://www.amblesideprimary.com/ambleweb/mentalmaths/additiontest.html>
- Subtraction with Regrouping: <http://www.dositey.com/addsub/sub2digr.html>
- Addition Practice: <http://www.crickweb.co.uk/assets/resources/flash.php?&file=nbKS2>
- Multiplication Practice: <http://www.crickweb.co.uk/assets/resources/flash.php?&file=Toolkit%20index2a>
- Skip Counting: <http://www.crickweb.co.uk/assets/resources/flash.php?&file=Toolkit%20index2a>
- Fraction Practice: <http://www.angliacampus.com/public/sec/maths/fract/index.htm>
- Flashcards: <http://www.factmonster.com/math/flashcards.html>
- Practice with all operations: <http://www.math.com/students/practice/arithmetricpractice.htm>



PRACTICE

Strategies for Addition Facts

The Doubles

From $1+1$ to $10+10$. Students learn most of the doubles readily and can use the doubles they know to help with the harder doubles. Students notice the sums increase by 2's: "I know that $6+6$ is 12, so $7+7$ is 2 more, that's 14."

The Near Doubles (Doubles Plus One/Doubles Less One)

$1+2$, $2+3$, $3+4$, $4+5$, $5+6$, $6+7$, $7+8$, $8+9$, $9+10$. These are 1 away from the doubles. Students can use the doubles they know to learn these: "I know that $5+5$ is 10, $5+6$ is 1 more" or I know $6+6$ is 12, so $5+6$ is 1 less."

Sums That Make 10

$1+9$, $2+8$, $3+7$, $4+6$, $5+5$. Students need many experiences building all the ways there are to make 10 with interlocking cubes until they recognize these combinations. Knowing ways to make 10 will enable students to solve $5+6$ or $7+4$, recognizing the sum is 1 more than 10.

The 10+ Combinations

From $10+1$ to $10+10$. These combinations follow a structural pattern, students learn them readily once they have built them repeatedly with cubes or counted them out on the 100 chart. Students should see the pattern $10+2=12$, $10+3=13$, $10+4=14$, etc.

The 9+ Combinations

From $9+1$ to $9+10$. Students can think of these combinations this way: To solve $9+6$, take 1 from the 6 and add it to the 9 to make 10. The 5 that is left is added to the 10, $10+5 = 15$. Or, if this were $10+6$, the answer would be 16, but it's 1 less, so it's 15.

DOUBLES:

$1 + 1 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

What patterns do you see?

WAYS TO MAKE 10

List all of the addition facts that make 10. Remember your turn-around facts and adding 0.

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

The 9+ Combinations:

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +11 \\ \hline \end{array}$$

Name: _____

Date: _____

Subtraction

1)
$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

13)
$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

21)
$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

22)
$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

23)
$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

24)
$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

25)
$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

26)
$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

27)
$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

28)
$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

29)
$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

30)
$$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

SUBTRACTION FACTS

(Remember your fact families of 10, doubles and doubles plus ones. ***Hint:*** You can look back at your addition pages for ways to make 10, doubles and doubles plus one)

$10 - 6 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$8 - 4 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$15 - 8 = \underline{\quad}$

$11 - 6 = \underline{\quad}$

$17 - 9 = \underline{\quad}$

Explain how you can use your basic addition facts to solve subtraction problems: