

Name _____

Dear Parents,

Our test for mental addition and subtraction strategies within 20 is _____! Please use this homework to review the skills with your child. Our test will cover:

- using strategies like: counting on, make a ten, near doubles, adding ten
- adding 3 single digit numbers together
- understanding basic addition and subtraction word problems
- fact families

Part 1: Use mental strategies and explain your thinking to solve the problems.

Example: $6+7$

counting on	near doubles	make a ten
Put the bigger number in your head and count on. 7 8,9,10,11,12,13	Use a doubles fact to help solve. I know that $6+6=12$ The 7 in the original problem is one more than 6, so I will add one more to 12. $12+1=13$	Use friends or pairs of ten to make a problem easier to solve. I know that $7+3=10$ I will split the 6 into two 3s I know $7+3=10$ plus the second 3 left over is equal to 13. Here's an example. $7 + 6 =$ <input type="text"/> $7 + 6 = 10 + 3$ 7 and 3 make 10 Add 10 and 3

Directions: Solve the following addition and subtraction problems:

1.) $3+9=$ _____

2.) $4+5=$ _____

3.) $7+9=$ _____

4.) $8-4=$ _____

5.) $9-5=$ _____

6.) $4+9+5=$ _____

7.) Directions: Solve the following problem and explain your thinking.

$8+3+2 =$ _____	How did you solve the problem? _____ _____ _____
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Part 2: Solve these word problems.

8.) John picked 5 apples from the tree. His brother picked 7 more apples. How many apples do they have altogether?

9.) The mail-man dropped off 3 letters at the first house, 6 letters at the next house, and 7 letters at the next stop. How many letters did he drop off altogether?

10.) I found 16 leaves on the playground. Then, 8 leaves blew away. How many leaves do I have left?

Part 3: Write the four number sentences to complete the fact families.

Example: 3,5,8 $3+5=8$ $5+3=8$ $8-5=3$ $8-3=5$

4,7,11	
_____ + _____ = _____	_____ - _____ = _____
_____ + _____ = _____	_____ - _____ = _____

8, 12, 4	
_____ + _____ = _____	_____ - _____ = _____
_____ + _____ = _____	_____ - _____ = _____

Name _____

