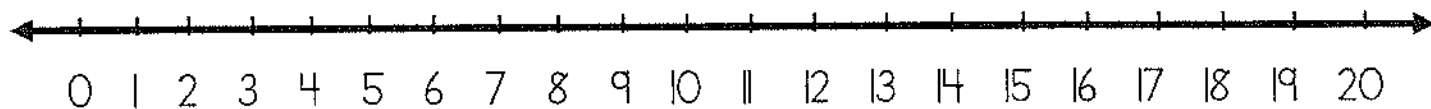## Addition and Subtraction Strategies Study Guide

Use the number line to count on or count back to solve the following problems.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

1. $3 + 6 =$ ____   2. $5 + 6 =$ ____   3. $1 + 4 =$ ____

4. $10 + 7 =$ ____   5. $12 - 3 =$ ____   6. $11 - 4 =$ ____

7. $7 - 2 =$ ____   8. $3 - 0 =$ ____

Solve the following addition and subtraction problems using Doubles

9. $4 + 4 =$ ____   10. $5 + 5 =$ ____   11. $9 + 9 =$ ____

12. $2 + 2 =$ ____   13. $6 - 6 =$ ____   14. $3 - 3 =$ ____

15. $0 - 0 =$ ____   16. $7 - 7 =$ ____

Solve the following addition and subtraction problems using Near Doubles

17. $5 + 4 =$ ____   18. $5 + 6 =$ ____   19. $8 + 9 =$ ____

20. $1 + 2 =$ ____   21. $6 - 5 =$ ____   22. $3 - 2 =$ ____

23. $1 - 0 =$ ____   24. $8 - 7 =$ ____

Solve the following Missing Addend problems

25. ____ $+ 4 = 12$ 26. $8 +$ ____ $= 14$ 27. ____ $+ 5 = 15$

28. $9 +$ ____ $= 13$ 29. $11 -$ ____ $= 6$ 30. ____ $- 9 = 6$

31. $3 -$ ____ $= 1$ 32. ____ $- 2 = 8$

Use the Part/Part/Whole
to solve the following
problems

Complete the following Fact families

33.

8	
	4

34

6	
2	

35.

3	7

36

2	
1	

37

12	

38

7	13	6

_____ + _____ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____

39

9	14	5

_____ + _____ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____

Name: _____   Date: _____

Make 10-

Complete the following problems using the Making 10 Strategy

$$8 + 5 = \underline{\hspace{2cm}}$$

$$9 + 2 = \underline{\hspace{2cm}}$$

$$5 + 9 = \underline{\hspace{2cm}}$$

Solve the following problems using at least two different strategies:

Count On/Number Line/Missing Addend/Doubles/Near Doubles/Making 10/ or using Fact family. Be sure to SHOW YOUR WORK!

	1st Strategy	2nd Strategy
9 16 7		
11 7 4		
3 7 10		