

Adding/Subtracting Integers and Decimals

Score _____ Per _____

1. *Positive + Positive = _____*
2. *Positive + Negative = Positive if... _____*
3. *Positive + Negative = Negative if... _____*
4. *Negative + Negative = _____*

Do the following operations **without a calculator**. Then check your answer **with your calculator**. Circle yes or no as to whether you got the question right *without* using a calculator.

5. $-12 + 7 =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
6. $-10 + (-7) =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
7. $2 - (-2) =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
8. $-1 - 10 =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
9. $11 + (-4) =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
10. $8 - 17 =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
11. $5 + (-9) =$ _____ calculator answer: _____ correct *without* calculator? **yes no**
12. $5 + 6 =$ _____ calculator answer: _____ correct *without* calculator? **yes no**

13. Did you make any errors when you did the problems *without* a calculator? _____ If yes, what mistakes did you make? _____

14. Why does $3 - (-2) = 5$? In other words, why is subtracting a negative the same as adding a positive? _____

Compute the following. Show ALL work. Check your answer.

15. $-9.7 + 5.4 =$ _____

16. $-17.9 + -19.4 =$ _____

17. $(-45) + 9 =$ _____

18. $38 + (-5) =$ _____

19. $18 - 7 =$ _____

20. $(-8) - (-6) =$ _____

21. $48.9 - -31.1 =$ _____

22. $0.96 - 8.5 =$ _____

23. $13.7 + 3.2 =$ _____

24. $(-12) + (-11) =$ _____

25. Benson owes his aunt \$20. He borrows \$8 more from his aunt to go to a movie. Does Benson have money or owe money? _____ How much does he have or owe? _____.