

Assignment #20

Practice Adding and Subtracting Integers and Absolute Value

Solve these problems:

	ANSWER
1) $6 + 4$	
2) $18 - (-4)$	
3) $-12 - (-11)$	
4) $8 - 15$	
5) $65 + (-5)$	
6) $18 - (-2)$	
7) $(-6) + (-8)$	
8) $22 - (-6)$	

	ANSWER
9) $-1\frac{1}{2} + (-\frac{3}{4})$	
10) $\frac{8}{3} + (-\frac{2}{3})$	
11) $\frac{4}{5} - (-5)$	
12) $-\frac{5}{8} + 2\frac{1}{2}$	
13) $\frac{6}{11} + (-2\frac{1}{4})$	
14) $2\frac{11}{15} - 3\frac{3}{4}$	
15) $-\frac{1}{3} - (-2)$	
16) $-11 - 2\frac{3}{8}$	

	ANSWER
17) $-8 + (-5) + (-5)$	
18) $16 - 5 + (-11)$	
19) $37 + (-37) + 75$	
20) $(-5) + (-5) - (-10)$	
21) $85 + 16 + (-1)$	
22) $32 - (-12) + (-44)$	
23) $6 - (-5) + (-12)$	
24) $-22 + 5 + (-10)$	

25. The temperature at 10AM in Fairbanks was -12° . Over the next six hours, the temperature increased by 25° . What was the temperature at 4PM? _____

26. You've saved up \$10, but want a skateboard that costs \$35. Your mother agrees to lend you \$15 and your dad agrees to lend you \$30, saying maybe you can find some shoes to wear while skateboarding. You do find some shoes, and they are on sale for \$30. Do you have enough money to buy both the skateboard and the shoes? How much extra money do you have, or how many more dollars do you need? _____

27. Your lemonade business seems to make money some weeks, and lose money other weeks. The table below shows your results for July. What was your total profit for July?

week	profit
1st	\$24.50
2nd	-\$12.25
3rd	16.75
4th	-\$4.25

Evaluate each expression.

28. $|-2| =$ _____ 29. $|-2| + |-5| =$ _____ 30. $|6| - |-6| =$ _____ 31. $|2 - 3| =$ _____

32. $|4+3| =$ _____ 33. $|-4 - 3| =$ _____ 34. $|3 - 4| =$ _____ 35. $-|4| =$ _____

36. $-|-4| =$ _____ 37. $|3 + -6| =$ _____ 38. $-|-5 - 9| =$ _____ 39. $-|50 - 9| =$ _____

40. $2|5 \cdot 4| + |9 - (-3)| =$ _____ 41. $|3 + -7| \cdot [4(6 + 5) - 18 \div 6] =$ _____