

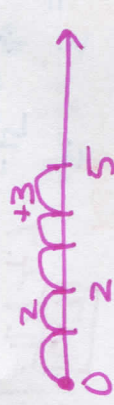
# Lesson Title 1.5 Adding Real Numbers Day 1

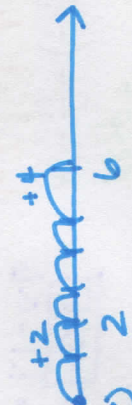
Date \_\_\_\_\_

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**Adding**  
The numbers we add together are called addends.

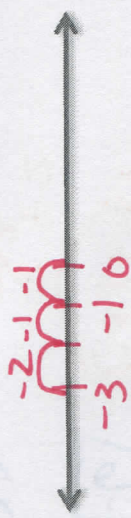
TASK 1:

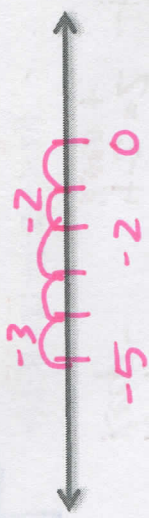
1)  $3 + 2 = 5$   


2)  $2 + 4 = 6$   


**Check by Counting on a Number Line**  
Put the numbers on a number line and count the distance created.

TASK 2:

1)  $-1 + (-2)$   


2)  $-2 + (-3)$   


**Adding Two Numbers with the SAME SIGN**  
Add their absolute values. Use their common sign as the sign of the sum.

TASK 3:

1)  $-3 + (-7) = -10$   
 $|3| + |7| = 10$  keep -

2)  $-1 + (-20) = -21$   
 $|1| + |20| = 21$  keep -

3)  $-5 + (-8) = -13$   
 $|5| + |8| = 13$  keep -

4)  $-31 + (-1) = -32$   
 $|31| + |1| = 32$  keep -

**Adding Two Numbers with DIFFERENT SIGNS:**  
Subtract the smaller absolute value from the larger absolute value. Use the sign of the number whose absolute value is larger as the sign of the sum.

TASK 4:

1)  $-4 + 6 = 2$   
 $|6| - |4| = 2$

2)  $-3 + 8 = 5$   
 $|8| - |3| = 5$



## Summary:

- 1) With the **same sign**, add their absolute values. Use their common sign as the sign of the answer.
- 2) With **different signs**, subtract their absolute values. Give the answer the same sign as the number with the larger absolute value.

### TASK 5:

- 1)  $3 + (-7) = \boxed{-4}$   
 $|-7| - |3| = 7 - 3 = 4$   
Keep -
- 2)  $-2 + 10 = \boxed{8}$   
 $|-2| - |10| = 10 - 2 = 8$   
Keep +
- 3)  $0.2 + (-0.5) = \boxed{-0.3}$   
 $|-0.5| - |0.2| = 0.5 - 0.2 = 0.3$   
Keep -
- 4)  $15 + (-18) = \boxed{-3}$   
 $|-18| - |15| = 18 - 15 = 3$   
Keep -
- 5)  $-19 + 20 = \boxed{1}$   
 $|-19| - |20| = 20 - 19 = 1$   
Keep +
- 6)  $-0.6 + 0.4 = \boxed{-0.2}$   
 $|-0.6| - |0.4| = 0.6 - 0.4 = 0.2$   
Keep -

### TASK 6:

- 1)  $-8 + (-11) = \boxed{-19}$   
 $|-8| + |-11| = 8 + 11 = 19$   
Keep -
- 2)  $-5 + 35 = \boxed{30}$   
 $|-5| - |-35| = 35 - 5 = 30$   
Keep +
- 3)  $0.6 + (-1.1) = \boxed{-0.5}$   
 $|-1.1| - |0.6| = 1.1 - 0.6 = 0.5$   
Keep -
- 4)  $-\frac{7}{10} + (-\frac{1}{10}) = \boxed{-\frac{8}{10}} = \boxed{-\frac{4}{5}}$   
 $|\frac{7}{10}| + |\frac{1}{10}| = \frac{7}{10} + \frac{1}{10} = \frac{8}{10} = \frac{4}{5}$   
Keep -
- 5)  $11.4 + (-4.7) = \boxed{6.7}$   
 $|-4.7| - |11.4| = 11.4 - 4.7 = 6.7$   
Keep +
- 6)  $-\frac{3}{8} + \frac{28}{10} = \frac{16}{40} - \frac{15}{40} = \frac{1}{40}$   
 $|\frac{3}{8}| - |\frac{28}{10}| = \frac{15}{40} - \frac{16}{40} = -\frac{1}{40}$   
Keep +

Still need help with:

### TASK 7:

- 1)  $3 + (-7) + (-8) = \boxed{-12}$   
 $3 + (-7) = -4$   
 $-4 + (-8) = -12$   
Keep -
- 2)  $[7 + (-10)] + [-2 + |-4|] = -3 + 2 = -1$   
 $7 + (-10) = -3$   
 $|-2| + |-4| = 2 + 4 = 6$   
 $-3 + 6 = 3$   
Keep -
- 3)  $8 + (-5) + (-9) = \boxed{-6}$   
 $8 + (-5) = 3$   
 $3 + (-9) = -6$   
Keep -
- 4)  $[-8 + 5] + [-5 + |-2|] = (-3) + (-5 + 2) = -3 - 3 = -6$   
 $[-8 + 5] = -3$   
 $[-5 + |-2|] = -5 + 2 = -3$   
Keep -