

Algebra I

3.1 Warm-Up #2

Integer Addition

NAME: _____

DATE: _____ HOUR: _____

DO NOT USE A CALCULATOR!!!

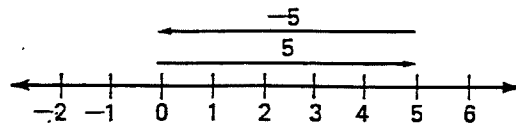
Add.

- | | | | |
|-----------------|------------------|-----------------|-----------------|
| 1. $-2 + (-3)$ | 2. $-7 + (-4)$ | 3. $-4 + 3$ | 4. $2 + (-4)$ |
| 5. $-6 + (-2)$ | 6. $2 + (-2)$ | 7. $-8 + 0$ | 8. $-1 + (-2)$ |
| 9. $6 + (-3)$ | 10. $-5 + (-4)$ | 11. $-4 + 6$ | 12. $3 + (-5)$ |
| 13. $-2 + (-4)$ | 14. $0 + (-9)$ | 15. $-7 + 4$ | 16. $-3 + 7$ |
| 17. $-5 + (-1)$ | 18. $-6 + (-4)$ | 19. $-8 + 8$ | 20. $-2 + 2$ |
| 21. $4 + (-4)$ | 22. $6 + (-6)$ | 23. $3 + (-9)$ | 24. $-5 + (-8)$ |
| 25. $-7 + (-2)$ | 26. $-5 + (-12)$ | 27. $6 + (-11)$ | 28. $12 + (-6)$ |

Add.

- | | | |
|-----------------------|----------------------|----------------------|
| 29. $5 + (-2) + (-6)$ | 30. $-10 + 2 + (-5)$ | 31. $1 + (-5) + 3$ |
| 32. $-6 + 6 + (-2)$ | 33. $9 + (-6) + 7$ | 34. $12 + (-12) + 0$ |

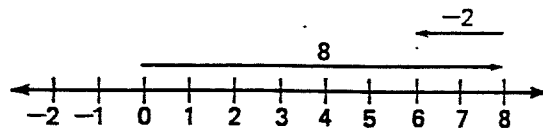
Suppose in a football game you gain 5 yards, then lose 5 yards.



$$5 + (-5) =$$

Suppose you gain 8 yards, then lose 2 yards.

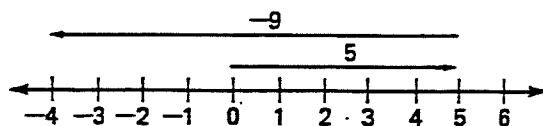
You gained more than you lost. The sum is positive.



$$8 + (-2) =$$

Now imagine that you gained 5 yards but lost 9 yards on the next play.

You lost more than you gained. The sum is negative.



$$5 + (-9) =$$



The sum of a positive number and a negative number may be zero, positive, or negative.