



Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Math Worksheet for 7th Grade

Addition & subtraction word problems with negatives

Questions

1. Compute: $-7 + 5 = ?$
2. Compute: $-3 - 6 = ?$
3. Compute: $8 + (-11) = ?$
4. Compute: $-12 - (-4) = ?$
5. Compute: $-2 + 0 = ?$
6. Which number is greater: -1 or -5 ?
7. Order these from least to greatest: $-4, 2, -8, 0$.
8. Your bank balance is $-\$20$ (you owe $\$20$). You deposit $\$45$. What is the new balance?
9. You owe $\$15$ and repay $\$10$. What is your balance now?
10. A submarine is at -200 m (below the surface) and rises 75 m. What is its new depth?
11. The temperature is -6°C and it rises by 3°C . What is the new temperature?
12. Compute: $-9 - (-3) = ?$
13. Compute: $(-4) + (-7) = ?$
14. Which is farther from zero: -9 or 4 ?
15. You start at -2 , then gain 6 , then lose 11 . What is the final number?
16. Morning temperature is -8°C and it drops 5°C . What is the new temperature?
17. The high for the day was 3°C and the evening temperature was -6°C . By how many degrees did the temperature drop from the high to evening?
18. Temperature rises from -15°C to -4°C . By how many degrees did it rise?
19. At midnight it was -2°C . It increases by 7°C . What is the temperature after the increase?
20. A freezer is at -10°C and warms by 12°C . What is the new temperature?
21. On Monday it was -20°F and on Tuesday it was -8°F . How many degrees warmer was Tuesday than Monday?
22. A thermometer reads -3° in the morning and $+6^{\circ}$ at noon. By how many degrees did the temperature change?
23. A town's temperature drops from 2°C to -9°C . How many degrees did the temperature change (drop)?
24. The temperature is -18°C and then drops another 9°C . What is the new temperature?
25. The temperature is -5°C and then warms by 17°C . What is the new temperature?
26. The lowest temperature of the day was -40°C and the highest was 5°C . What is the difference between them?
27. At 6 a.m. it was -7° . By noon it has risen 11° . What is the noon temperature?
28. A fridge goes from 4°C to -6°C after being turned on. By how many degrees did the temperature change?
29. Starting at -1°C , the temperature increases by 3°C then decreases by 9°C . What is the final temperature?
30. A freezer at -18°C warms by 23°C during a power outage. What is its temperature after warming?



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31. The temperature dropped 13° from -2°C . What is the new temperature?
32. The temperature rose 8° from -11°C . What is the new temperature?
33. What is the difference in degrees between -27°C and -4°C ?
34. The temperature changes from -30°F to -15°F . How many degrees warmer is -15°F than -30°F ?
35. A plant can survive down to -5°C . If the current temperature is -12°C , by how many degrees must it warm to reach -5°C ?
36. A freezer warms 2°C each hour for 6 hours. It starts at -20°C . How much warmer does it get after 6 hours, and what is the final temperature?
37. Dawn temperature is -9°C , noon is 3°C , and night is -4°C . What is the net change from dawn to night?
38. In Alaska, Anchorage had -5°F and Fairbanks had -30°F on the same day. What is the difference in temperature between the two cities?
39. A climber is at basecamp (7,200 ft) on Denali and reaches the summit at 20,310 ft. What is the elevation gain?
40. In Nome the temperature is -12°F and then drops 18°F . What is the new temperature?
41. A research station measures -22°C , then it warms by 9°C , then cools by 14°C . What is the final temperature?
42. A pipeline's temperature changes from -6°C to -1°C . By how many degrees did it warm?
43. A photographer's camp is at -8°C . He descends into a valley that is 6°C warmer. What is the valley temperature?
44. A town's average January temperature is -15°F . This January is 7°F warmer than average. What is this January's average?
45. A seal is in water at -2°C . The water temperature drops 5°C . What is the new water temperature?
46. Sea surface temperature is -4°C and it warms by 10°C . What is the new sea surface temperature?
47. Glacier surface goes from -18°C to -24°C . By how many degrees did the temperature change?
48. A pilot reports air temperature -45°C at high altitude. While descending it warms by 30°C . What is the temperature after warming?
49. A researcher records three daily temperatures: -3°C , -7°C , and $+2^{\circ}\text{C}$. What is the sum of these three temperatures?
50. A thermometer reads -9°C . It increases by 14°C , then decreases by 8°C . What is the final temperature?