



Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

## Math Worksheet for 7th Grade

### Adding negative numbers fluently

2. What is  $(-5) + 3$ ?
3. What is  $5 + (-3)$ ?
4. What is  $(-4) + 4$ ?
5. Without calculating the exact sum, what is the sign of  $(-9) + (+2)$ ? (positive, negative or zero)
6. Without calculating the exact sum, what is the sign of  $(+9) + (-12)$ ?
7. On a number line: start at  $-2$  and move 6 units to the right. Where do you land? What is the sign of that number?
8. On a number line: start at  $+7$  and move 12 units to the left. Where do you land? What is the sign?
9. What is  $(-10) + 15$ ?
10. What is  $(-15) + (-6)$ ?
11. What is the sign of  $(-3) + (-7)$ ?
12. What is  $0 + (-8)$ ? Give the sum and its sign.
13. What is  $(-2) + 0$ ? Give the sum and its sign.
14. What is  $(-1) + (+1)$ ? What is the sign?
15. Without calculating exactly, what is the sign of  $(-100) + (+50)$ ?
16. If you add a negative number whose absolute value is smaller than a positive number, what will the sign of the sum be? (positive, negative or zero)
17. Compute:  $(-6) + (+11)$
18. Compute:  $(+12) + (-20)$
19. On a number line, start at  $-8$  and move 3 units right. What is the result and its sign?
20. On a number line, start at  $-3$  and move 3 units right. What is the result and sign?
21. What is  $(-25) + (+25)$ ? Give the sum and the sign.
22. What is  $(+30) + (-5)$ ? Give the sum and sign.
23. What is  $(-7) + (-14)$ ?
24. Evaluate:  $(-4) + (+9) + (-3)$ . What is the final sum and sign?
25. Evaluate:  $(+6) + (-6) + (-2)$ . What is the sum and sign?
26. Temperature: The morning temperature was  $-6$  degC. During the day it rose 11 degC. What is the new temperature? Give sign.
27. Temperature: A mountain top is at  $+2$  degC. A storm causes temperatures to drop 5 degC. What is the new temperature? Sign?
28. Bank account: Mia had 20. *She withdrew 50* (a negative change). What is her new balance? Sign (positive/negative/zero)?
29. Bank account: A friend owes 12 (*a negative balance*). *She deposits 12*. What is her balance? Sign?
30. Elevation: A submarine at  $-40$  meters goes up 28 meters. What is its new depth / elevation? Sign?

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

---

31. Elevation: A hiker is at +120 m, then descends 200 m. What is the final elevation? Sign?
32. Score: A game starts at 0. Team A loses 8 points (-8), then gains 5 points (+5). What is their score? Sign?
33. Score: From a score of -3, a player gains 3 points. What is the new score? Sign?
34. What is  $(-0.5) + (+0.2)$ ? Give the sum and sign.
35. What is  $(+4.2) + (-6.7)$ ? Give the sum and sign.
36. Without calculating exact value, what is the sign of  $(-0.1) + (+0.05)$ ?
37. On a number line, start at -14 and add +9 then add +6. Where do you end? Sum and sign.
38. On a number line, start at +5 and add -12 then add +4. Where do you end? Sum and sign.
39. A diver at -18 feet goes up 18 feet. What is the result and sign?
40. A temperature moves from -7 degC down another 4 degC (i.e., add -4). What is the new temperature and sign?
41. Compute:  $(-33) + (+19)$
42. Compute:  $(+45) + (-60)$
43. Which is greater:  $(-8) + (+4)$  or  $(+8) + (-4)$ ? Give both sums and signs.
44. If you add two negative numbers, is the result always negative? Explain by giving an example pair and their sum. (Short answer + example)
45. If you add a positive and a negative number with equal absolute values, what is the sum? Give an example.
46. Write the sum and sign:  $(-11) + (+7) + (+5)$
47. Write the sum and sign:  $(+10) + (-3) + (-8)$
48. A bank account is at -7.50. A deposit of 10.25 is made. What is the new balance and sign?
49. A thermometer reads +1.5 degC in the morning. At night the temperature decreases by 3.0 degC. What is the final reading and sign?
50. Without calculating the exact number, determine the sign of  $(-27) + (+14) + (+13)$ . Explain briefly using the number line idea (more negatives or positives?).