Name: _____ Date: _____

Adding Integers

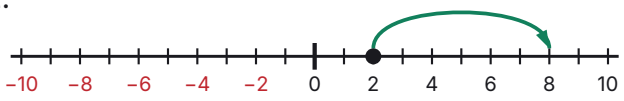
Grade 7 • 36 questions • Part A: each jump shows a sum. Write the sum and its answer

1.



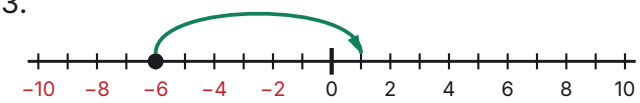
____ + ____ = ____

2.



____ + ____ = ____

3.



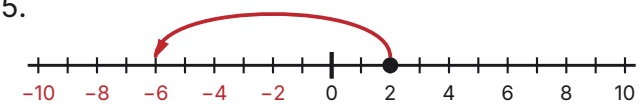
____ + ____ = ____

4.



____ + ____ = ____

5.



____ + ____ = ____

6.



____ + ____ = ____

Part B • Each + chip is 1 and each − chip is −1. Cancel the zero pairs. What number do the chips show?

7.  _____

8.  _____

9.  _____

10.  _____

11.  _____

12.  _____

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Part C • Add. Same signs: add and keep the sign. Different signs: subtract and keep the sign of the bigger size

13. 2 + (−19) = _____
14. 7 + (−16) = _____
15. 17 + (−7) = _____
16. −19 + (−4) = _____
17. −20 + (−13) = _____
18. 9 + (−12) = _____
19. 7 + 15 = _____
20. −10 + 2 = _____
21. −13 + (−6) = _____
22. −18 + (−17) = _____
23. −15 + (−3) = _____
24. 19 + (−4) = _____
25. −18 + 2 = _____
26. 11 + 3 = _____
27. 10 + (−10) = _____
28. 17 + 18 = _____
29. 13 + 3 = _____
30. 18 + (−4) = _____
31. 16 + 13 = _____
32. 2 + (−4) = _____

Part D • Add three integers. Tip: add the positives, add the negatives, then combine

33. −7 + 12 + (−5) = _____
34. 9 + (−14) + 3 = _____
35. −6 + (−8) + 20 = _____
36. 15 + (−4) + (−11) = _____

Tip: picture a thermometer. −6 + 4 means “6 below zero, then warm up 4 degrees”, which is −2.

Answer Key — Adding Integers

1. $5 + (-6) = -1$
2. $2 + 6 = 8$
3. $-6 + 7 = 1$
4. $1 + 4 = 5$
5. $2 + (-8) = -6$
6. $-1 + (-6) = -7$
7. 1
8. -7
9. -1
10. -1
11. 7
12. -2
13. -17
14. -9
15. 10
16. -23
17. -33
18. -3
19. 22
20. -8
21. -19
22. -35
23. -18
24. 15
25. -16
26. 14
27. 0
28. 35
29. 16
30. 14
31. 29
32. -2
33. 0
34. -2
35. 6
36. 0