

# Practice 1-7

## Adding and Subtracting Integers

**Find each sum.**

- |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. $-2 + (-3)$<br>_____ | 2. $8 - 7 + 4$<br>_____ | 3. $8 + (-5)$<br>_____  | 4. $15 + (-3)$<br>_____ |
| 5. $-16 + 8$<br>_____   | 6. $7 + (-10)$<br>_____ | 7. $-9 + (-5)$<br>_____ | 8. $-12 + 14$<br>_____  |

**Find each difference.**

- |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 9. $9 - 26$<br>_____       | 10. $-4 - 15$<br>_____     | 11. $21 - (-7)$<br>_____   | 12. $27 - (-16)$<br>_____  |
| 13. $-16 - (-43)$<br>_____ | 14. $47 - 19$<br>_____     | 15. $-156 - 98$<br>_____   | 16. $-192 - 47$<br>_____   |
| 17. $0 - (-51)$<br>_____   | 18. $-63 - 89$<br>_____    | 19. $-12 - (-21)$<br>_____ | 20. $92 - (-16)$<br>_____  |
| 21. $72 - 15$<br>_____     | 22. $-86 - (-19)$<br>_____ | 23. $17 - (-46)$<br>_____  | 24. $-78 - (-53)$<br>_____ |

**Find the value of each expression.**

- |                                  |                                |                                 |
|----------------------------------|--------------------------------|---------------------------------|
| 25. $3 + 8 + (-4)$<br>_____      | 26. $2 +  -3  + (-3)$<br>_____ | 27. $9 + 7 - 6$<br>_____        |
| 28. $56 + (-4) + (-58)$<br>_____ | 29. $-4 - 3 + (-2)$<br>_____   | 30. $ -8  - 15 + (-8)$<br>_____ |

**Use  $>$ ,  $<$ , or  $=$  to complete each statement.**

- |                            |                            |                             |                             |
|----------------------------|----------------------------|-----------------------------|-----------------------------|
| 31. $-9 - (-11) \square 0$ | 32. $-17 + 20 \square 0$   | 33. $11 - (-4) \square 0$   | 34. $-19 + 16 \square 0$    |
| 35. $28 - 19 \square 0$    | 36. $52 + (-65) \square 0$ | 37. $-28 - (-28) \square 0$ | 38. $-28 - (-53) \square 0$ |

**Solve.**

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|---|--|
| 39. The highest and lowest temperatures ever recorded in Africa are $136^{\circ}\text{F}$ and $-11^{\circ}\text{F}$ . The highest temperature was recorded in Libya, and the lowest temperature was recorded in Morocco. What is the difference in these temperature extremes?<br>_____ | 40. The highest and lowest temperatures ever recorded in South America are $120^{\circ}\text{F}$ and $-27^{\circ}\text{F}$ . Both the highest and lowest temperatures were recorded in Argentina. What is the difference in these temperature extremes?<br>_____ |
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