

Answer Key for Integers Practice 1

Adding Integers

1. $-6 + 9 = 3$

2. $5 + (-11) = -6$

3. $8 + 9 = 17$

4. $-3 + (-7) = -10$

5. $-5 + (-9) = -14$

6. $4 + (-11) = -7$

7. $-9 + 20 = 11$

8. $8 + 3 = 11$

9. $-11 + (-12) = -23$

10. $-5 + 13 = 8$

11. $4 + (-12) = -8$

12. $9 + 15 = 24$

13. $-7 + (-6) = -13$

14. $-8 + 14 = 6$

15. $7 + 9 = 16$

16. $-4 + (-5) = -9$

17. $8 + (-2) = 6$

18. $-6 + 11 = 5$

19. $-2 + (-17) = -19$

20. $5 + 14 = 19$

21. $-14 + 18 = 4$

22. $42 + (-8) = 34$

23. $-33 + 17 = -16$

$$24. 53 + 27 = 80$$

$$25. -4 + 31 = 27$$

$$26. -17 + (-25) = -42$$

$$27. 51 + (-34) = 17$$

$$28. -35 + (-24) = -59$$

$$29. 19 + 44 = 63$$

$$30. -60 + 25 = -35$$

Subtracting Integers

$$1. 5 - 9 = -4$$

$$2. 7 - 13 = -6$$

$$3. -5 - 4 = -9$$

$$4. -7 - 9 = -16$$

$$5. 3 - (-7) = 10$$

$$6. 8 - (-4) = 12$$

$$7. -9 - (-5) = -4$$

$$8. -5 - (-7) = 2$$

$$9. 9 - (-5) = 14$$

$$10. 17 - 12 = 5$$

$$11. 2 - 7 = -5$$

$$12. -9 - 3 = -12$$

$$13. -6 - (-9) = 3$$

$$14. 8 - (-5) = 13$$

$$15. -3 - 10 = -13$$

$$16. -21 - (-5) = -16$$

$$17. 19 - 32 = -13$$

$$18. 25 - 7 = 18$$

$$19. -18 - (-19) = 1$$

$$20. 43 - (-15) = 58$$

$$21. 28 - 41 = -13$$

$$22. -32 - 15 = -47$$

$$23. -11 - (-42) = 31$$

$$24. -53 - 24 = -77$$

$$25. 42 - (-9) = 51$$

$$26. 83 - 105 = -22$$

$$27. -15 - 29 = -44$$

$$28. -5 - (-41) = 36$$

$$29. 18 - 75 = -57$$

$$30. -18 - 75 = -93$$

Multiplying and Dividing Integers

$$1. -5 \times 7 = -35$$

$$2. 18 \div (-6) = -3$$

$$3. 14 \times (-2) = -28$$

$$4. -5 \times (-11) = 55$$

$$5. 15 \div (-3) = -5$$

$$6. 7 \times (-4) = -28$$

$$7. -42 \div (-3) = 14$$

$$8. 36 \div (-12) = -3$$

$$9. 40 \div (-5) = -8$$

$$10. -9 \times 8 = -72$$

$$11. (-8) \times (-3) = 24$$

$$12. 24 \div (-3) = -8$$

$$13. -30 \times (-4) = 120$$

14. $-48 \div 16 = -3$

15. $15 \times (-4) = -60$

16. $24 \div (-8) = -3$

17. $-90 \div (-5) = 18$

18. $40 \div (-20) = -2$

19. $-12 \times (-3) = 36$

20. $(-9) \times 5 = -45$

21. $14 \times (-7) = -98$

22. $-5 \times (-12) = 60$

23. $64 \div (-16) = -4$

24. $64 \div (-16) = -4$

25. $15 \times (-5) = -75$

26. $(-3) \times (-12) = 36$

27. $18 \div (-9) = -2$

28. $12 \times (-4) = -48$

29. $(-5) \times (-13) = 65$

30. $-65 \div 5 = -13$

Story Problems with Integers

1. Steve's temperature: $102 - 3 = 99^\circ\text{F}$

2. Elevator floor: $20 - 11 + 5 = 14\text{th floor}$

3. Diver's depth: $200 + 25 \times 10 = 450$ feet below sea level

4. Temperature drop: $5 - 17 = -12^\circ\text{F}$

5. Josie's balance: $47 - 55 = -8$ dollars

6. Joe's game result: $-10 \times 3 = -30$

7. Noon temperature: $-12 + 25 = 13^\circ\text{F}$

8. Temperature difference: $92 - (-45) = 137^\circ\text{F}$

9. Coldest day: $-4 \times 5 = -20^{\circ}\text{C}$
10. Elevation difference: $29028 - (-485) = 29513$ feet
11. Scuba diver's depth: $-96 + 49 = -47$ feet
12. Temperature change: $-4 - (-3) = -1^{\circ}\text{C}$
13. Net yardage: $14 + (-7) + 9 = 16$ yards
14. Years apart: $582 + 1643 = 2225$ years
15. Money needed: $93 - 75 = 18$ dollars
16. Golf score difference: $6 - (-3) = 9$ shots
17. Balance: $84 - 29 = 55$ dollars
18. Freezing point: $32 - 8 = 24^{\circ}\text{F}$
19. City deficit: $12000000 - 8000000 = 4000000$ dollars
20. Theatre loss: $-475 \times 3 = -1425$ dollars