

Instructions: Evaluate each of the following. Include a step to simplify by removing brackets before your final answer. The first one is done for you.

Adding Integers

1. $(+15)+(-7)+(+1)$
 $= 15-7+1$
 $= 9$

2. $(-9)+(-7)$

3. $(-14)+(+6)$

4. $(-8)+(-9)$

5. $(-5)+(-6)+(+4)$

6. $(-7)+(+9)+(+5)$

7. $(-5)+(+4)+(-8)$

8. $(-12)+(-7)+(+12)$

9. $-7+9+12+(-18)+(-20)$

Subtracting Integers

10. $8-(-3)-(+5)$
 $=8+3-5$
 $=6$

11. $9-(+4)$

12. $-5-(-12)$

13. $25-(-35)$

14. $0-(-7)$

15. $-3-(-4)+(+12)$

16. $6-(-7)-(-8)$

17. $-5+8-(-12)$

18. $(-2)+(-7)-(-9)+(-5)$

19. $-7-(-12)-(5)+(-3)$

Answers to Adding and Subtracting Integers:

1) 9 2) -16 3) -8 4) -17 5) -7 6) 7 7) -9 8) -7 9) -24

10) 6 11) 5 12) 7 13) 60 14) 7 15) 13 16) 21 17) 15 18) -5 19) -3

Multiplying Integers

Evaluate each of the following.

1. $7(12)$

2. $5(-3)$

3. $-5(-16)$

4. $5(-2)(-3)$

5. $8(2)(-4)$

6. $(-9)(-3)(-5)$

7. $5(-2)(-4)(2)$

8. $(-8)(2)(-3)(-5)$

9. $(-15)(15)(-2)$

10. $(11)(-1)(-2)(3)(-2)$

11. $(-2)(-3)(-4)(-2)$

Dividing Integers

Evaluate each of the following.

12. $27 \div 9$

13. $24 \div (-8)$

14. $(-63) \div 9$

15. $(-54) \div (-6)$

16. $\frac{144}{-12}$

17. $\frac{24}{-4}$

18. $\frac{-20}{5}$

19. $\frac{-21}{-7}$

20. $\frac{-8}{-8}$

21. $\left(\frac{28}{4}\right) + \left(\frac{-14}{2}\right)$

22. $\left(\frac{-81}{9}\right) - \left(\frac{-28}{7}\right)$

23. $\left(\frac{-49}{7}\right) - \left(\frac{-15}{-3}\right)$

Answers to Multiplying and Dividing Integers:

1) 84 2) -15 3) 80 4) 30 5) -64 6) -135 7) 80 8) -240 9) 450

10) -132 11) 48

12) 3 13) -3 14) -7 15) 9 16) -12 17) -6 18) -4 19) 3 20) 1 21) 0

22) -5 23) -12

