

2-4 Skills Practice***Multiplying Integers*****Find each product.**

1. $-2(8)$

2. $-4(-4)$

3. $6(-2)$

4. $-7(-3)$

5. $12(1)$

6. $0(-2)$

7. $-11(5)$

8. $-9(-3)$

9. $-13(0)$

10. $-1(-1)$

11. $-1(1)$

12. $1(-1)$

13. $-5(20)$

14. $16(-2)$

15. $18(-3)$

16. $-5(-5)$

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

18. $-1(50)(-1)$

19. $6(0)(-2)$

20. $(-3)(-2)(-1)$

21. $-4(5)(-3)$

22. $10(-3)(2)$

23. $-9(8)(1)$

24. $-1(-1)(-1)$

ALGEBRA Simplify each expression.

25. $-2 \cdot 3x$

26. $-4 \cdot 5y$

27. $9 \cdot (-2z)$

28. $-5 \cdot (-6a)$

29. $8t \cdot (-3)$

30. $2n \cdot (-1)$

31. $-5 \cdot 2w$

32. $8c \cdot (-2)$

33. $-3c \cdot (-5d)$

34. $4r \cdot 7s$

35. $-3x \cdot (-z)$

36. $-4ab \cdot (-6)$

37. $(-3)(4)(-x)$

38. $-3(5)(-y)$

39. $(-6)(-2)(8r)$

40. $-5(0)(-xy)$

ALGEBRA Evaluate each expression if $x = -5$ and $y = -6$.

41. $3y$

42. $-8x$

43. $-4y$

44. $12x$

45. xy

46. $-xy$

47. $-6xy$

48. $4xy$

2-5 Skills Practice**Dividing Integers****Find each quotient.**

1. $16 \div 4$

2. $-27 \div 3$

3. $25 \div (-5)$

4. $63 \div (-9)$

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

6. $14 \div (-7)$

7. $-124 \div 4$

8. $60 \div 15$

9. $28 \div (-4)$

10. $-56 \div (-8)$

11. $72 \div 8$

12. $-21 \div (-7)$

13. $\frac{-32}{4}$

14. $\frac{45}{9}$

15. $\frac{-45}{3}$

16. $\frac{-25}{-5}$

17. $\frac{35}{-7}$

18. $\frac{-63}{-7}$

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

20. $\frac{48}{-6}$

21. What is -54 divided by 9 ?22. Divide -27 by -3 .23. Divide 144 by -12 .24. What is -65 divided by -13 ?**ALGEBRA Evaluate each expression if $x = -8$ and $y = -12$.**

25. $x \div 2$

26. $x \div (-4)$

27. $36 \div y$

28. $0 \div y$

29. $-60 \div y$

30. $56 \div x$

31. $8 \div x$

32. $-108 \div y$

33. $\frac{x}{-2}$

34. $\frac{y}{3}$

35. $\frac{0}{x}$

36. $\frac{-112}{x}$

37. $\frac{y}{-6}$

38. $\frac{x}{4}$

39. $\frac{-144}{y}$

40. $\frac{-136}{x}$

Find the average (mean) of each group of numbers.

41. 3, 12, 6

42. $-8, -1, -3$

43. $-8, 15, 5, 8$

44. $-3, -10, 2, -4, 0$

45. $-10, -7, 7, 10$

46. $12, 24, 9, 15, 18, 20, 16, 14$

47. $-4, -11, -6, 1, 8, -12$