

Rules for Multiplying and Dividing Integers

1. The product or quotient of a positive and negative integer is a negative integer.
2. The product or quotient of two negative or two positive integers is a positive integer.
3. If there are more than two integers, count the number of negative signs:
 - a. If there is an even number of negative signs, the answer is positive.
 - b. If there is an odd number of negative signs, the answer is negative.

Multiply or Divide.

1. $-3 * -6$

2. $15 * -3$

3. $-4 * 9$

4. $-3 * -5 * -6$

5. $-24 \div -3$

6. $40 \div -8$

7. $10 * -9$

8. $-98 \div 7$

9. $-36 \div -3$

10. $-45 \div -3 \div 5$

11. $9 * -12 \div 4$

12. $-5 * 25$

13. $-7 * -15$

14. $65 \div -5$

15. $-5 * -4 * -12$

16. $96 \div -3$

17. $-9 * 11$

18. $-100 \div -5$

19. $-52 \div 4$

20. $-7 * -14$

21. $124 \div -2 \div -2$

22. $-5 * -2 * -4 * 6$

23. $135 \div -5$

24. $-5 * -90 * 2$

25. $-84 \div 21$

26. $-288 \div -4$

27. $-12 * -7 * -5$

28. $-9 * -9 * 5$

29. $-108 \div 12$

30. $-20 * -8$

31. $-195 \div 13$

32. $16 * -8 * -10 * 2$

33. $270 \div -45$

34. $-48 * -3$

35. Lilly bought 4 pairs of jeans at a cost of \$39 each. How much money did she give the clerk? Write a multiplication problem and then find the answer.

36. Maggie owes the candy store \$35. Each of her 5 friends will help her pay off her debt. How much will each friend pay? Write a division problem and then find the answer.

37. Kathy withdrew \$40 from the bank each week for 6 weeks. What is the change in the balance of her account? Write a multiplication problem and then find the answer.

38. Katie withdrew a total of \$300 from her bank account over the last 5 weeks. How much money did she withdraw each week? Write a division problem and then find the answer.