

**ENTEROS Y FRACCIONES**

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**Ejercicios propuestos*****Opera con números enteros***

1.  $2-3 + (-4)$

2.  $4-2- (-3) - (-1) =$

3.  $5 \cdot (-12 + 4) =$

4.  $-4 \cdot (-3) \cdot (-3) =$

5.  $-(-3) \cdot (-3) =$

6.  $4 \cdot (4-2) =$

7.  $-5 \cdot (-12+4) =$

8.  $-4 \cdot (-2-3) - 1=$

9.  $-1 \cdot (-2)+(-2) \cdot (-3) \cdot (-1) =$

10.  $4 - 20:(-5) =$

11.  $25:(-5) - 1=$

12.  $-3 \cdot (-2) \cdot (-1) - 6:3 =$

13.  $-10 - (-2) \cdot (-1) \cdot (-3) =$

14.  $-3 \cdot (-4 +(-2)) =$

15.  $63:(4+5) -4 \cdot (5-3) =$

16.  $-2 \cdot (3 - 6) - 16:(6 - 10) =$

17.  $2 \cdot (-4 + 1) + (8 - 1):7 =$

18.  $-10 \cdot (-1 - 5) - (-5 - 3):(-2) =$

19.  $7 [6 -(-5)] - 4 \cdot (5 - 3) =$

20.  $10 [3-2 \cdot (5-4) -2 \cdot (4-2)] =$

$$21. -3 \cdot \{-6[2 \cdot (-3 - 4 \cdot (-5+4)) - 2 + 3] - 7 - 7\} + 4 - 3 =$$

$$22. \{-34:[3 \cdot (-3 - 50:(-6 - 4)) - 12 + 3] - 7 + 11\} + 5 - 1 : 6 =$$

### Opera con fracciones

$$23. 1 + \frac{1}{2} - =$$

$$24. \frac{3}{5} - 6 =$$

$$25. \frac{4}{6} - 7 =$$

$$26. \frac{1}{4} - \frac{3}{14} =$$

$$27. \frac{1}{2} + \frac{2}{3} - \frac{1}{6} =$$

$$28. \frac{1}{2} - 3 + \frac{5}{3} =$$

$$29. 1 + \frac{1}{2} + \frac{1}{6} =$$

$$30. \frac{60}{20} + \frac{1}{10} - \frac{2}{30} =$$

$$31. \frac{3}{20} + \frac{1}{25} - \frac{11}{60} =$$

$$32. \frac{14}{15} - \frac{1}{45} + 3 - \frac{2}{75} =$$

$$33. \frac{1}{2} - \left(\frac{3}{5} - 1\right) =$$

$$34. -\frac{5}{4} - \left(\frac{3}{8} + \frac{1}{2} - 1\right) =$$

$$35. -\frac{5}{4} - \left(-3 - \frac{1}{6} - 1\right) + \frac{2}{7} =$$

$$36. \frac{3}{2} - \left(-\frac{3}{4} + \frac{2}{3} - 2\right) - \frac{1}{3} =$$

$$37. 4 - \frac{3 - \frac{1}{4}}{3 - \frac{1}{3 - \frac{1}{4}}} =$$

$$38. \frac{15}{225} : \left\{ \frac{121}{11} - \frac{1}{3} - \frac{13}{26} \cdot \frac{(-8)}{16} - \frac{1}{63} \cdot \frac{630}{30} \right\} - \frac{1}{2} : \left( \frac{1}{-1 - \frac{1}{2}} \right) =$$

$$39. \frac{-3 - \left[ -\frac{8}{2} - 50 \cdot \left( 1 - \frac{24}{25} \right) \right]}{-4 - \left( \frac{1}{2} - 1 \right)} =$$

$$40. 1 - \frac{1 - \frac{1}{10}}{1 - \frac{1}{1 - \frac{1}{10}}} =$$

$$41. \frac{11}{121} : \left\{ \frac{150}{3} - \frac{1}{2} - \frac{12}{6} : \frac{(-8)}{2} - \frac{1000}{6} \cdot \frac{6}{50} \right\} - \frac{100}{50} \cdot \left( \frac{-1}{1 - \frac{1}{2}} \right) =$$

$$42. \frac{3 - \left[ -\frac{1}{2} - 5 \cdot \left( 1 - \frac{1}{2} \right) \right]}{-4 + \frac{1}{2}} =$$

$$43. \frac{\frac{2}{3} + \frac{1}{4} \cdot \frac{3 - \frac{3}{2}}{\frac{3}{4} - \frac{1}{2}}}{5 \cdot \frac{1}{2} + \frac{1}{5}} =$$

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