

FICHA Nº 7  
OPERACIONES COMBINADAS  
NÚMEROS ENTEROS  
PARA 1º ESO

ALUMNO/A: \_\_\_\_\_ Nº: \_\_\_\_\_

FECHA: \_\_\_\_\_ GRUPO: \_\_\_\_\_

1)  $8 + 52 - (+12) + (-17) =$

$$\begin{aligned} & 8 + 52 - 12 - 17 = \\ & 60 - 29 = \boxed{31} \end{aligned}$$

Primero quita paréntesis.

2)  $15 - 2 + (-23) - (+2) - (-10) =$

$$\begin{aligned} & +15 - 2 - 23 - 2 + 10 = \\ & +25 - 27 = \boxed{-2} \end{aligned}$$

3)  $(-1) + (-1) + (-3 + 5) =$

$$\begin{aligned} & (-1) + (-1) + (+2) = \\ & -1 - 1 + 2 = -2 + 2 = \boxed{0} \end{aligned}$$

4)  $(-1) - (-1) - (-3 + 5) =$

$$\begin{aligned} & (-1) - (-1) - (+2) = \\ & -1 + 1 - 2 = \boxed{-2} \end{aligned}$$

Cuando hay una operación dentro de un paréntesis, primero haz esa operación.

5)  $7 \cdot (-5) + (15) : 5 =$

$$-35 + 3 = \boxed{-32}$$

6)  $(-7) \cdot (-5) + (-15) : 3 =$

$$+35 - 5 = \boxed{+30}$$

7)  $20 + 6 - (-4) \cdot (+4) + 5 - 11 =$

$$\begin{aligned} & 20 + 6 + 16 + 5 - 11 = \\ & 47 - 11 = \boxed{36} \end{aligned}$$

8)  $(-24 : 3 + 1) : 7 + 8 =$

$$\begin{aligned} & (-8 + 1) : 7 + 8 = \\ & -7 : 7 + 8 = -1 + 8 = \boxed{7} \end{aligned}$$

9)  $-5 + (+1) \cdot (-1) =$

$$-5 - 1 = \boxed{-6}$$

10)  $-1 - (-3) : (-3) =$

$$-1 - (+1) = -1 - 1 = \boxed{-2}$$

11)  $-2 + (-15) : (8 + 7) =$

$$\begin{aligned} & -2 + (-15) : (+15) = \\ & -2 - 1 = \boxed{-3} \end{aligned}$$

12)  $-6 + (-7) \cdot (8 - 5) =$

$$\begin{aligned} & -6 + (-7) \cdot (+3) = \\ & -6 - 21 = \boxed{-27} \end{aligned}$$

13)  $-2 - (-15) : (8 + 7) =$

$$\begin{aligned} & -2 - (-15) : 15 = \\ & -2 + 1 = \boxed{-1} \end{aligned}$$

14)  $-6 - (-7) \cdot (8 - 5) =$

$$\begin{aligned} & -6 - (-7) \cdot 3 = -6 + 21 = \\ & \boxed{15} \end{aligned}$$

15)  $-4 - (+24) : (+1 - 9) - (-1 - 2) =$

$$\begin{aligned} & -4 - (+24) : (-8) - (-3) = \\ & -4 + 3 - (-3) = \\ & -4 + 3 + 3 = -4 + 6 = \boxed{2} \end{aligned}$$

16)  $+7 + (-5) : (-7 + 2) - (1 - 6) =$

$$\begin{aligned} & +7 + (-5) : (-5) - (-5) = \\ & +7 + 1 - (-5) = \\ & 7 + 1 + 5 = \boxed{13} \end{aligned}$$

Primero haz las operaciones que están dentro de los corchetes según la jerarquía.

$$\begin{aligned}
 17) \quad & -6 - [ +7 + (-1) : 1 ] = \\
 & -6 - [ 7 - 1 ] = -6 - (6) \\
 & = -6 - 6 = \boxed{-12}
 \end{aligned}$$

$$\begin{aligned}
 18) \quad & +7 - [ +1 - (+10) : (+5) ] = \\
 & +7 - [ 1 - 2 ] = 7 - [-1] = \\
 & 7 + 1 = \boxed{8}
 \end{aligned}$$

$$\begin{aligned}
 19) \quad & +1 - [ -4 + (-10) : (-5) ] + [ +3 + (-9) ] = \\
 & +1 - [ -4 + 2 ] + [ 3 - 9 ] = \\
 & 1 - (-2) + (-6) = 1 + 2 - 6 = \boxed{-3}
 \end{aligned}$$

$$\begin{aligned}
 20) \quad & 9 + 66 : (-3 \cdot 2) - 5 \cdot 2 = \\
 & 9 + 66 : (-6) - 5 \cdot 2 = \\
 & 9 - 11 - 10 = 9 - 21 = \boxed{-12}
 \end{aligned}$$

$$\begin{aligned}
 21) \quad & 20 \cdot (-45 + 5 \cdot 5) - 60 : 3 : (-10) = \\
 & 20 \cdot (-45 + 25) - 20 : (-10) = \\
 & 20 \cdot (-20) + 2 = \\
 & -400 + 2 = \boxed{-398}
 \end{aligned}$$

$$\begin{aligned}
 22) \quad & (-2) \cdot (-2) \cdot (-2) \cdot (+2) = \\
 & +4 \cdot (-2) \cdot (+2) = \\
 & (-8) \cdot (+2) = \boxed{-16}
 \end{aligned}$$

$$\begin{aligned}
 23) \quad & (+45 - 5 \cdot 5) : 2 : (-10) = \\
 & (45 - 25) : 2 : (-10) = \\
 & 20 : 2 : (-10) = \\
 & 10 : (-10) = \boxed{-1}
 \end{aligned}$$

$$\begin{aligned}
 24) \quad & (+100) \cdot (-10) \cdot (+1) : (-1) = \\
 & -1000 \cdot (+1) : (-1) = \\
 & -1000 : (-1) = \boxed{+1000}
 \end{aligned}$$

$$\begin{aligned}
 25) \quad & 1 - [ 3 - (-8) \cdot (+8) ] + 20 : (-5) = \\
 & 1 - [ 3 + 64 ] + 20 : (-5) = \\
 & 1 - 67 + 20 : (-5) = \\
 & 1 - 67 - 4 = 1 - 71 = \boxed{-70}
 \end{aligned}$$

$$\begin{aligned}
 26) \quad & (-2)^3 + 1 = \\
 & (-2) \cdot (-2) \cdot (-2) + 1 = \\
 & (+4) \cdot (-2) + 1 = \\
 & -8 + 1 = \boxed{-7}
 \end{aligned}$$

$$\begin{aligned}
 27) \quad & 2 \cdot [ +3 - (-8) ] = \\
 & 2 \cdot [ 3 + 8 ] = \\
 & 2 \cdot 11 = \boxed{22}
 \end{aligned}$$

$$\begin{aligned}
 28) \quad & +2 + [ -3 + (-5) \cdot (+4) ] = \\
 & +2 + [ -3 - 20 ] = \\
 & 2 + (-23) = \\
 & 2 - 23 = \boxed{-21}
 \end{aligned}$$