

2º ESO. FRACCIONES (HOJA 3)

	A	B
1	$\frac{1}{3} - \frac{2}{5} \div \frac{1}{2} - \frac{1}{4} \cdot \frac{2}{3} = -\frac{19}{30}$	$\frac{-4}{5} + \frac{3}{2} - \frac{3}{8} \div \frac{5}{2} + 4 = \frac{91}{20}$
2	$\frac{1}{4} - \frac{2}{7} \div (\frac{3}{2} \div \frac{5}{4}) + \frac{4}{7} = \frac{7}{12}$	$\frac{2}{3} \div (\frac{2}{3} \div \frac{3}{2}) - \frac{4}{3} \div \frac{4}{5} = -\frac{1}{6}$
3	$(\frac{5}{6} + \frac{7}{8})^2 \div \frac{5}{12} - \frac{4}{3} \cdot \frac{5}{12} = \frac{4643}{720}$	$(\frac{4}{3} - \frac{7}{6} + 1)^{-2} \div \frac{1}{4} + \frac{5}{2} \cdot \frac{3}{5} = \frac{435}{98}$
4	$\frac{\frac{2}{3} - \frac{1}{4} \div \frac{3}{2} + 1}{\frac{1}{5} \div \frac{3}{2} - \frac{2}{9}} = -\frac{135}{8}$	$\frac{\frac{2}{3} \cdot \frac{6}{5} - \frac{4}{5} \div \frac{2}{3} - \frac{1}{6}}{\frac{3}{2} - \frac{7}{4} \div \frac{1}{2} + \frac{5}{6}} = \frac{17}{35}$
5	$\frac{\frac{1}{2} - \frac{3}{4} \div (-\frac{1}{2})^3 - \frac{4}{3}}{-\frac{2}{3} + \frac{1}{3} \div \frac{3}{2} - (-\frac{2}{3})^{-3}}$	$\frac{(\frac{4}{3} - \frac{5}{6})^2 - (\frac{3}{4} - \frac{6}{5})^{-2}}{-\frac{1}{4} + \frac{3}{2} \div (\frac{1}{3} - \frac{3}{2})^3}$
6	$\frac{\frac{2}{3} - [\frac{1}{4} - (\frac{1}{3} - \frac{3}{2})] \div \frac{4}{3}}{\frac{1}{2} - \frac{2}{3} + \frac{3}{4} \div \frac{4}{5} - \frac{5}{6}}$	
7	$\frac{\frac{2}{3} - (\frac{5}{4} - \frac{1}{6} - 1) \cdot (-\frac{3}{2}) + \frac{5}{4}}{\frac{9}{4} \div \frac{7}{2} - \frac{2}{7} \cdot \frac{3}{4} + 2}$	
8	$[\frac{1}{12} - (\frac{3}{4} - \frac{1}{6}) \div \frac{5}{3}] \cdot (\frac{5}{6} - \frac{1}{8})$	
9	$\frac{1}{3} \div [(\frac{2}{15} - \frac{1}{6} + 1) \div \frac{4}{5}] - (\frac{3}{4} + \frac{2}{3})$	
10	$(-\frac{2}{3})^3 \cdot (-\frac{3}{2})^{-2} - (-\frac{2}{3})^{-3} \div \frac{4}{9}$	
11	$(-\frac{1}{6})^2 \div [(-\frac{3}{5})^3 \cdot (-\frac{2}{5})^2] - (-\frac{4}{3})^{-1} \cdot (-\frac{2}{3})^2$	
12	$\frac{\frac{4}{3} - \frac{1}{2} \div (-\frac{3}{4})^{-2} + \frac{1}{3} \cdot (-\frac{2}{3})^{-3}}{(-\frac{3}{2})^{-2} \div (-\frac{1}{6})^{-2} + \frac{1}{4} - \frac{2}{3} \div (-\frac{3}{4})^{-3}}$	
13	$\frac{[-(\frac{2}{3})^2 \div (-\frac{3}{4})^{-2} + \frac{1}{6}] \div (\frac{2}{3} - \frac{5}{2})^{-2}}{(\frac{2}{5} - \frac{1}{3})^{-2} \div \frac{2}{3} - [-\frac{3}{2} + (\frac{1}{4} - \frac{2}{3})^{-3}]^2}$	
14	$(\frac{5}{12} - \frac{7}{18} - \frac{3}{20})^2 + \frac{2}{3} - (\frac{5}{16} - \frac{5}{12})^3$	
15	$[(\frac{5}{24} + \frac{7}{18} - 1)^2 + \frac{7}{36}]^{-1} - (-\frac{1}{3})^{-3}$	