

Tema 4: Fracciones

Ejercicio 32

$$32a) \quad \frac{11}{15} - \frac{2}{3} = \frac{11}{15} - \frac{10}{15} = \frac{11-10}{15} = \frac{1}{15}$$

$$32b) \quad \frac{1}{6} + \frac{3}{4} - \frac{1}{2} = \frac{2}{12} + \frac{9}{12} - \frac{6}{12} = \frac{2+9-6}{12} = \frac{5}{12}$$

$$32c) \quad \frac{4}{15} + \frac{7}{5} - \frac{4}{3} = \frac{4}{15} + \frac{21}{15} - \frac{20}{15} = \frac{4+21-20}{15} = \frac{5}{15} = \frac{1}{3}$$

$$32d) \quad \frac{5}{6} + \frac{3}{4} + \frac{2}{3} = \frac{10}{12} + \frac{9}{12} + \frac{8}{12} = \frac{10+9+8}{12} = \frac{27}{12} = \frac{9}{4}$$

$$32e) \quad \frac{4}{7} + \frac{2}{3} - 2 = \frac{4}{7} + \frac{2}{3} - \frac{2}{1} = \frac{12}{21} + \frac{14}{21} - \frac{42}{21} = \frac{12+14-42}{21} = -\frac{16}{21}$$

Ejercicio 33

$$33a) \quad \frac{3}{5} - \frac{1}{4} + \frac{1}{6} = \frac{36}{60} - \frac{15}{60} + \frac{10}{60} = \frac{36-15+10}{60} = \frac{31}{60}$$

$$33b) \quad \frac{3}{5} + \frac{2}{3} + 1 - \frac{7}{6} = \frac{3}{5} + \frac{2}{3} + \frac{1}{1} - \frac{7}{6} = \frac{18}{30} + \frac{20}{30} + \frac{30}{30} - \frac{35}{30} = \frac{18+20+30-35}{30} = \frac{33}{30} = \frac{11}{10}$$

$$33c) \quad \frac{7}{8} - \frac{3}{6} + \frac{4}{3} = \frac{7}{8} - \frac{1}{2} + \frac{4}{3} = \frac{21}{24} - \frac{12}{24} + \frac{32}{24} = \frac{21-12+32}{24} = \frac{41}{24}$$

$$33d) \quad 1 - \frac{3}{5} - \frac{1}{3} + \frac{1}{4} = \frac{60}{60} - \frac{36}{60} - \frac{20}{60} + \frac{15}{60} = \frac{60-36-20+15}{60} = \frac{19}{60}$$