

Calcola.

355 $\frac{2}{3} + \frac{5}{3} - \frac{4}{3}$ $\frac{4}{9} - \frac{2}{9} + \frac{5}{9}$ $\frac{6}{11} - \frac{2}{11} + \frac{10}{11}$

356 $\frac{5}{16} - \frac{3}{16} + \frac{7}{16}$ $\frac{5}{8} + \frac{1}{8} - \frac{3}{8}$ $\frac{7}{12} + \frac{5}{12} - \frac{6}{12}$

357 $\frac{8}{25} - \frac{4}{25} + \frac{16}{25}$ $\frac{3}{20} - \frac{1}{20} + \frac{17}{20}$ $\frac{12}{49} - \frac{3}{49} + \frac{11}{49}$

358 $\frac{8}{15} + \frac{7}{15} - \frac{4}{15}$ $\frac{20}{40} - \frac{10}{40} + \frac{30}{40}$ $\frac{16}{21} + \frac{5}{21} - \frac{4}{21}$

359 $\frac{1}{2} + \frac{3}{7} - \frac{5}{6}$ $\frac{5}{6} - \frac{5}{8} + \frac{3}{4}$ $\frac{2}{21}; \frac{23}{24}$

360 $\frac{3}{5} - \frac{3}{8} + \frac{1}{4}$ $\frac{7}{9} - \frac{1}{6} - \frac{1}{4}$ $\frac{19}{40}; \frac{13}{36}$

361 $\frac{1}{3} + \frac{2}{5} - \frac{1}{15} + 1$ $\frac{3}{8} + \frac{5}{3} - 1 - \frac{1}{12}$ $\frac{5}{3}; \frac{23}{24}$

362 $\frac{5}{4} - \frac{4}{7} + 2 - \frac{9}{14}$ $\frac{9}{10} - \frac{2}{5} + \frac{8}{15} - 1$ $\frac{57}{28}; \frac{1}{30}$

363 $\frac{5}{6} - \frac{4}{9} + \frac{1}{4} - \frac{1}{12}$ $\frac{9}{4} - \frac{7}{8} + \frac{3}{2} - \frac{11}{16}$ $\frac{5}{9}; \frac{35}{16}$

364 $\frac{1}{5} + \frac{4}{9} + \frac{2}{3} - \frac{5}{6}$ $\frac{6}{7} - \frac{2}{3} + \frac{8}{15} - \frac{1}{5}$ $\frac{43}{90}; \frac{11}{21}$

365 $\frac{3}{4} + \frac{2}{5} - \frac{3}{4} + \frac{2}{5}$ $\frac{5}{9} + \frac{2}{3} - \frac{2}{5} + \frac{2}{7}$ $\frac{4}{5}; \frac{349}{315}$

366 $\frac{45}{25} - \frac{17}{20} + \frac{18}{20} - \frac{15}{25} - \frac{3}{5} + \frac{3}{10} - \frac{1}{4}$ $\frac{7}{10}$

Calcola il valore delle espressioni; poi, se possibile, scrivi il risultato come numero misto.

367 $\frac{1}{4} + \left(\frac{1}{3} - \frac{1}{8}\right)$ $3 + \left(\frac{1}{8} - \frac{1}{9}\right)$ $\frac{11}{24}; 3 + \frac{1}{72}$

368 $13 - \left(\frac{5}{4} + \frac{8}{9}\right)$ $\left(\frac{3}{8} + \frac{2}{8}\right) - \frac{10}{20}$ $10 + \frac{31}{36}; \frac{1}{8}$

369 $\left(5 - \frac{1}{4}\right) + \left(10 - \frac{7}{4}\right)$ 13

370 $\left(8 + \frac{2}{5}\right) + \left(3 - \frac{7}{10}\right) - \left(5 + \frac{1}{2}\right)$ $\frac{26}{5}$

371 $\left(\frac{9}{5} - \frac{17}{20}\right) + \left(\frac{9}{10} - \frac{3}{5}\right)$ $\frac{5}{4}$

• **438** $\frac{3}{6} \times \frac{3}{5} = \frac{1}{2}$ $\frac{32}{.....} \times \frac{7}{8} = \frac{4}{7}$ $\frac{26}{25} \times \frac{.....}{13} = \frac{2}{5}$

• **439** $\frac{50}{3} \times \frac{4}{.....} = \frac{8}{9}$ $\frac{5}{14} \times \frac{.....}{4} = \frac{15}{8}$ $\frac{.....}{5} \times \frac{3}{56} = \frac{9}{20}$

• **440** $\frac{51}{.....} \times \frac{36}{17} = \frac{27}{8}$ $\frac{25}{49} \times \frac{21}{.....} = \frac{3}{28}$ $\frac{7}{54} \times \frac{.....}{11} = \frac{7}{66}$

Calcola il valore delle espressioni.

441 $\left(\frac{1}{2} + \frac{6}{8}\right) \times \frac{2}{3}$ $\frac{1}{2} + \frac{6}{8} \times \frac{2}{3}$ $\frac{5}{6}; 1$

442 $\left(1 - \frac{1}{3}\right) \times 3$ $1 - \frac{1}{3} \times 3$ 2; 0

443 $5 \times \left(\frac{4}{10} \times \frac{1}{2} - \frac{1}{5}\right)$ $5 \times \frac{4}{10} \times \frac{1}{2} - \frac{1}{5}$ 0; $\frac{4}{5}$

444 $\left(5 - \frac{9}{4}\right) \times \frac{4}{11}$ $5 - \frac{9}{4} \times \frac{4}{11}$ 1; $\frac{46}{11}$

445 $4 + \frac{1}{2} - \frac{2}{5} \times \frac{1}{9} \times 60 + \frac{1}{6}$ 2

446 $\left(\frac{3}{4} + \frac{1}{2} \times \frac{4}{5}\right) - \left(2 - \frac{3}{5} \times \frac{25}{9}\right)$ $\frac{49}{60}$

447 $\left(\frac{4}{5} \times \frac{10}{3} - \frac{1}{4} \times \frac{2}{9} - 1\right) - \left(\frac{2}{7} \times \frac{21}{4} \times \frac{1}{2} - \frac{1}{8}\right)$ $\frac{71}{72}$

448 $\left(\frac{8}{5} - \frac{3}{10} \times \frac{8}{9} - 1\right) \times \frac{1}{2} - \left(\frac{1}{5} \times \frac{25}{3} - \frac{1}{4} \times \frac{8}{3} + \frac{1}{2}\right) \times \frac{1}{3} + \left(2 - \frac{1}{2} \times 3\right)$ $\frac{1}{6}$

449 $\left(\frac{5}{12} - \frac{1}{4} + \frac{1}{2}\right) \times \frac{15}{4} - \left(\frac{3}{2} - \frac{1}{4}\right) \times \left(\frac{8}{9} - \frac{1}{4} \times \frac{8}{3} + 1\right) + \left(\frac{3}{4} - \frac{1}{2} \times \frac{5}{4}\right) \times \frac{4}{3}$ $\frac{41}{36}$

450 $\left(\frac{8}{10} - \frac{1}{5} - \frac{3}{20}\right) \times \frac{8}{3} - \left(\frac{7}{15} \times \frac{3}{2} - \frac{3}{10} \times \frac{7}{3} \times \frac{9}{14}\right) \times \frac{2}{5} - 3 \times \frac{1}{4}$ $\frac{7}{20}$

451 $\frac{1}{2} \times \frac{4}{3} + \left(\frac{2}{3} - \frac{1}{5} - \frac{2}{15}\right) \times \left(\frac{1}{4} + \frac{1}{2} - \frac{1}{12}\right) \times \frac{3}{4}$ $\frac{5}{6}$

452 $\left[\left(\frac{5}{4} \times \frac{16}{5} - \frac{9}{10} \times \frac{5}{12}\right) - \left(\frac{12}{11} \times \frac{11}{4} - \frac{2}{9} \times \frac{9}{8}\right)\right] \times \left(2 - \frac{3}{7}\right)$ $\frac{11}{8}$

453 $\left[\left(2 + \frac{12}{5} \times \frac{5}{16}\right) + \left(15 \times \frac{1}{3} - \frac{6}{5} \times \frac{10}{18}\right) - 5\right] \times \left(\frac{1}{3} + \frac{7}{25}\right)$ $\frac{23}{18}$

454 $\left[\left(\frac{7}{12} - \frac{3}{20} + \frac{4}{15}\right) \times \left(5 - \frac{5}{14}\right) - \left(\frac{2}{7} + \frac{1}{3}\right) \times \frac{7}{3}\right] \times \frac{12}{13}$ $\frac{5}{3}$

455 $\frac{3}{4} + \left[\frac{4}{5} + \frac{3}{2} \times \left(\frac{1}{3} - \frac{1}{4}\right) + \frac{3}{20}\right] - \frac{1}{40}$ $\frac{9}{5}$