soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 4

$$= \frac{19}{4} - \left\{\frac{3}{8} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 4

$$= \frac{19}{4} - \left\{\frac{3}{8} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 5

$$= \frac{19}{4} - \frac{9 + 10}{24} \cdot \frac{72}{19} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 4

$$= \frac{19}{4} - \left\{\frac{3}{8} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 5

$$= \frac{19}{4} - \frac{9 + 10}{24} \cdot \frac{72}{19} =$$

step 6

$$= \frac{19}{4} - \frac{\cancel{19}^{1}}{\cancel{24}_{1}} \cdot \frac{\cancel{72}^{3}}{\cancel{19}_{1}} =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 4

$$= \frac{19}{4} - \left\{\frac{3}{8} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 5

$$= \frac{19}{4} - \frac{9 + 10}{24} \cdot \frac{72}{19} =$$

step 6

$$= \frac{19}{4} - \frac{\cancel{19}^{1}}{\cancel{24}_{1}} \cdot \frac{\cancel{72}^{3}}{\cancel{19}_{1}} =$$

step 7

$$= \frac{19}{4} - 3 =$$

soluzione in 8 step

# Es n° 513

$$\frac{19}{4} - \left\{\left[\left(\frac{3}{4}\right)^2 + \frac{11}{4} - \left(\frac{1}{4}\right)^2\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \left(\frac{29}{36} - \frac{13}{24}\right) =$$

step 1

$$= \frac{19}{4} - \left\{\left[\frac{9}{16} + \frac{11}{4} - \frac{1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{58 - 39}{72} =$$

step 2

$$= \frac{19}{4} - \left\{\left[\frac{9 + 44 - 1}{16}\right] \cdot \frac{9}{78} + \frac{5}{12}\right\} : \frac{19}{72} =$$

step 3

$$= \frac{19}{4} - \left\{\frac{\cancel{52}^{13}}{\cancel{16}_{4}} \cdot \frac{\cancel{9}^{3}}{\cancel{78}_{26}} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 4

$$= \frac{19}{4} - \left\{\frac{3}{8} + \frac{5}{12}\right\} \cdot \frac{72}{19} =$$

step 5

$$= \frac{19}{4} - \frac{9 + 10}{24} \cdot \frac{72}{19} =$$

step 6

$$= \frac{19}{4} - \frac{\cancel{19}^{1}}{\cancel{24}_{1}} \cdot \frac{\cancel{72}^{3}}{\cancel{19}_{1}} =$$

step 7

$$= \frac{19}{4} - 3 =$$

step 8

$$= \frac{19 - 12}{4} = \frac{7}{4}$$