

OPERACIONES PARA PRACTICAR DE CARA AL EXAMEN

VERSIÓN NO DEFINITIVA

a) $\frac{18}{30} + \frac{21}{35} - \frac{16}{40} = \frac{4}{5}$

b) $2 - \left(\frac{4}{15} + \frac{5}{12} - \frac{7}{10} \right) = \frac{121}{60}$

c) $\left(\frac{3}{4} + \frac{1}{2} \right) \cdot \frac{2}{3} : \frac{5}{6} = 1$ **X**

d) $\left(1 - \frac{2}{5} \right) : \frac{3}{4} \cdot \frac{7}{6} = \frac{14}{15}$

e) $\frac{7}{4} - \left[2 - \left(\frac{3}{2} - \frac{1}{2} \right) \right] = \frac{3}{4}$

f) $3 - 2 \left(1 - \frac{1}{3} \right) + \frac{1}{2} = \frac{13}{6}$

g) $4 - \left\{ 2 - \left[1 - \frac{3}{4} \right] + \frac{1}{2} \right\} = \frac{7}{4}$

h) $\left[3 - \left(1 - \frac{2}{5} \right) \right] \cdot \frac{3}{4} = \frac{9}{5}$

i) $\frac{5}{2} - \left[\frac{3}{4} - \frac{1}{2} \left(1 - \frac{2}{3} \right) \right] = \frac{23}{12}$

j) $\left(\frac{2}{3} \right)^2 + \left(\frac{1}{2} \right)^3 - \left(\frac{1}{3} \right)^2 \left(\frac{3}{2} \right)^2 = \frac{23}{72}$

k) $\left(\frac{3}{4} \right)^3 : \left(\frac{3}{4} \right) + \left(\frac{1}{2} \right)^2 - \left(\frac{1}{4} \right)^2 = \frac{3}{4}$ **X**

l) $\left(\frac{5}{6} \right)^2 \left(\frac{3}{5} \right)^2 + \left(\frac{1}{3} \right)^3 = \frac{31}{108}$

m) $2^4 \left(\frac{1}{4} \right)^3 + \left(\frac{3}{2} \right)^2 = \frac{5}{2}$

n) $\left(\frac{3}{5} \right)^2 - 2 \left(\frac{3}{5} \right)^3 + \left(\frac{3}{5} \right)^4 = \frac{36}{625}$

o) $\frac{3}{4} \left(\frac{5}{6} - \frac{1}{2} \right)^2 - \frac{2}{3} \left(\frac{4}{5} - 1 \right)^2 = \frac{17}{300}$

$$\text{p) } 5 : \left(\frac{3}{4} + 1\right)^2 - 4 : \left(\frac{2}{3} - \frac{1}{4}\right) = -\frac{1952}{245}$$

$$\text{q) } \left(\frac{3}{5}\right)^{-2} - \left(1 + \frac{2}{3}\right)^{-1} = \frac{98}{45}$$

$$\text{r) } \left(\frac{4}{3} - 1\right)^{-3} + \left(\frac{5}{2}\right)^{-2} = \frac{679}{25}$$