MATE

5egundo

Bloque

Scanned by TapScanner

Multiplicaciones y División de Fracciones 28 abril 21

a) $\left(\frac{8}{3}\right)\left(\frac{5}{7}\right)\left(\frac{12}{6}\right) = \frac{480}{126} = \frac{240}{63} = \frac{80}{21}$

b) $\frac{3}{2} \cdot \frac{10}{3} \cdot \frac{9}{5} = \frac{270}{30} = \frac{135}{15} = \frac{45}{5} = \frac{9}{1}$

c) $\left(\frac{2}{1}\right)\left(\frac{8}{6}\right)\left(\frac{12}{4}\right) = \frac{192}{24} = \frac{96}{12} = \frac{48}{6} = \frac{24}{3} = \frac{8}{1}$

d) $\frac{28}{12} : \frac{8}{9} = \frac{252}{96}\ \frac{126}{48} = \frac{63}{24} = \frac{21}{8}$

e) $\frac{45}{2} \div \frac{3}{2} \div \frac{10}{2} = \frac{12}{900} = \frac{6}{450} = \frac{3}{225} = \frac{1}{75}$

f) $\frac{40}{12} \div \frac{10}{9}\ \frac{360}{120} = \frac{180}{60} = \frac{90}{30} = \frac{45}{15} = \frac{15}{5} = \frac{3}{1}$

g) $5\frac{3}{4} \cdot 4\frac{3}{2}(8)\left(\frac{3}{9}\right) = \frac{23}{4} \cdot \frac{11}{2}\left(\frac{75}{9}\right) = \frac{396}{3,450} = \frac{198}{1725} = \frac{66}{575}$

h) $\frac{8}{3}\ \frac{5}{7}\ \frac{12}{6}\ \frac{90}{672} = \frac{45}{336} = \frac{15}{112}$

Scanned by TapScanner

I) $5\frac{3}{4} \cdot 4\frac{3}{2}(8)\left(\frac{3}{9}\right) = \frac{23}{4} \cdot \frac{11}{2}\left(\frac{75}{9}\right) = \frac{396}{3,450} = \frac{198}{1725} = \frac{66}{575}$

J) $\left(\frac{2}{7}\right)\left(\frac{8}{6}\right)\left(\frac{12}{4}\right) = \frac{192}{24} = \frac{96}{12} = \frac{48}{6} = \frac{24}{3} = \frac{8}{1}$

K) $\frac{28}{12} : \frac{8}{9} = \frac{252}{96} = \frac{126}{48} = \frac{63}{24} = \frac{21}{8}$

L) $\frac{45}{2} + \frac{3}{2} + \frac{10}{2} = + \frac{12}{900} = + \frac{6}{450} = + \frac{3}{225} = + \frac{1}{75}$

Scanned by TapScanner