

Multiplicación y División DE Fracciones

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

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

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

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

$$e) \frac{45}{2} \div \frac{3}{2} \div \frac{10}{2} = \frac{900}{120} = \frac{450}{60} = \frac{225}{60} = \frac{75}{20}$$

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

$$g) 5\frac{3}{4} \cdot 4\frac{3}{2} \left(\frac{8}{1}\right) \left(\frac{3}{9}\right) = \frac{23}{4} \cdot \frac{11}{2} \cdot \frac{8}{1} \cdot \frac{3}{9} = \frac{6,072}{72}$$

$$\frac{3,036}{36} = \frac{1,518}{18} = \frac{759}{9} = \frac{253}{3}$$

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

$$i) 5\frac{2}{8} \cdot 3\frac{2}{4} \left(\frac{6}{1}\right) \frac{2}{9} = \frac{42}{8} \cdot \frac{14}{4} \cdot \frac{6}{1} \cdot \frac{2}{9} =$$

$$\frac{7}{288} \cdot \frac{1056}{144} = \frac{3528}{72} = \frac{1764}{36} = \frac{877}{36}$$

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

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

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

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