

Multiplicación y División de Fracciones

✿ Zabydy Apem ✿

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

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

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

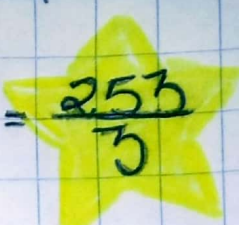
$$d) \frac{28}{12} \cdot \frac{8}{9} = \frac{252}{96} = \frac{126}{48} = \frac{63}{24} = \frac{21}{8}$$

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

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

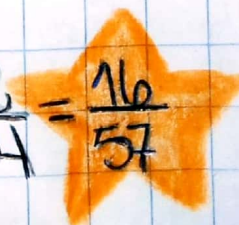
g) $5\frac{3}{4} \cdot 4\frac{3}{2} (8) (\frac{3}{9}) = \frac{23}{4} \cdot \frac{11}{2} (\frac{8}{1}) (\frac{3}{9}) =$

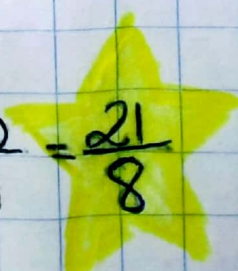
$\frac{6072}{72} = \frac{3036}{36} = \frac{1518}{18} = \frac{759}{9} = \frac{253}{3}$ 

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

i) $5\frac{2}{8} \cdot 3\frac{2}{4} (6) \frac{2}{9} = \frac{42}{8} \cdot \frac{14}{4} (\frac{6}{1}) \frac{2}{9} = \frac{9072}{224} =$

$\frac{4536}{112} = \frac{2268}{56} = \frac{1134}{28} = \frac{567}{14} = \frac{81}{2}$ 

j) $(2) (\frac{8}{6}) (\frac{12}{4}) = \frac{32}{144} = \frac{16}{57}$ 

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

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

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