

Tema 2: Multiplicación y División de fracciones. (Semana 1)

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

$$\frac{80}{21} = \frac{80}{21}$$

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

$$\frac{45}{5} = \frac{45}{5}$$

$$c) \left(\frac{12}{1}\right)\left(\frac{8}{6}\right)\left(\frac{17}{4}\right) = \frac{192}{24} = \frac{96}{12} = \frac{48}{6}$$

$$\frac{24}{3} = \frac{24}{3}$$

$$d) \frac{28}{12} \cdot \frac{8}{12} = \frac{224}{144} = \frac{112}{72} = \frac{56}{36} =$$

$$\frac{28}{12} = \frac{28}{12}$$

$$e) \frac{42}{5} \div \frac{3}{2} = \frac{10}{2} = \frac{135}{6} \frac{10}{2}$$

$$\frac{12 \cancel{2} \cdot 172}{172} = \frac{6 \cancel{2} \cdot 36}{36} = \frac{225}{12}$$

$$\frac{75}{4}$$

$$F) \frac{40}{12} \cdot \frac{10}{9} = \frac{400}{108} = \frac{200}{54}$$

$$\frac{106}{27} = \frac{50}{9} \frac{55}{9}$$

$$g) 5\frac{3}{4} \cdot 4\frac{3}{2} (8) \frac{(3)}{(9)} \frac{23}{14} = 71\frac{1}{2} - \frac{8}{9} = 3$$

$$\frac{6,072}{180} = \frac{3036}{60} = \frac{1518}{30} = 150\frac{1}{2}$$

$$\frac{253}{15}$$

$$h) \frac{8}{3} \cdot \frac{5}{2} \cdot \frac{12}{16} = \frac{480}{180} = \frac{240}{90} = \frac{8}{3}$$

$$\frac{130}{21}$$

$$i) 5\frac{7}{4} \cdot 4\frac{3}{2} (8) \frac{(7)}{(4)} = \frac{22}{2} = \frac{10}{2} = \frac{8}{1} =$$

$$\frac{3520}{72} = 1 \frac{166}{36} = \frac{880}{18} =$$

Exercício 10

10/10

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

$$24/3 = \underline{8}$$

$$k) \frac{28}{12} \div \frac{8}{9} = 224/108 = \frac{112}{54} = 56/27 =$$

$$\frac{56}{27}$$

$$l) \frac{45}{2} \div \frac{3}{2} \cdot \frac{10}{2} = 1350/8 = \underline{675} \frac{1}{4}$$