

# Multiplicación y División de Fracciones

$$a) \left(\frac{8}{3}\right) \left(\frac{5}{7}\right) \left(\frac{12}{6}\right) = \frac{480}{12} = \frac{240}{6} = \frac{120}{3}$$

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

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

$$d) \frac{28}{12} \cdot \frac{8}{9} = \frac{224}{108} = \frac{112}{54} = \frac{56}{27}$$

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

$$f) \frac{40}{12} \div \frac{10}{9} = \frac{400}{108} = \frac{200}{54} = \frac{100}{27}$$

$$g) 5\frac{3}{4} \cdot 4\frac{3}{2} \left(\frac{8}{9}\right) \frac{3}{9} = \frac{23}{4} \cdot \frac{11}{2} \cdot 8\frac{3}{9} = 3,312$$

$$1656 = 828$$

$$66 \quad 33$$

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

$$I) 5 \frac{2}{8} \cdot 3 \frac{2}{4} (6) \frac{2}{9} = \frac{42}{8} = \frac{14}{2} \quad 6 \frac{2}{9} = \frac{9072}{224} = \frac{4536}{112}$$

$$2,268 - \frac{1134}{28} = \frac{567}{14} = \frac{81}{2}$$

$$K) \frac{28}{12} \cdot \frac{8}{9} = \frac{224}{108} = \frac{112}{54} = \frac{56}{27}$$