

$$g) \frac{5}{6} \div \frac{3}{2} + \frac{2}{3} \times \left(\frac{6}{5} - \frac{5}{6} \right)$$

$$\frac{5}{6} \div \frac{3}{2} + \frac{2}{3} \times \left(\frac{36}{30} - \frac{25}{30} \right)$$

$$\frac{5}{6} \div \frac{3}{2} + \frac{2}{3} \times \frac{11}{30}$$

$$\frac{5}{6} \times \frac{2}{3} + \frac{2}{3} \times \frac{11}{30}$$

$$\frac{5}{9} + \frac{2}{3} \times \frac{11}{30}$$

$$\frac{5}{9} + \frac{11}{45}$$

$$\frac{25}{45} + \frac{11}{45}$$

$$\frac{36}{45} =$$

$$\boxed{\frac{4}{5}}$$

$$1 \frac{1}{2} \times \left(3 \frac{1}{2} - 1 \frac{5}{6} \right) \times 1 \frac{2}{5} \div \left(3 \frac{1}{3} - 2 \frac{5}{9} \right)$$

$$\frac{3}{2} \times \left(\frac{7 \times 3}{2 \times 3} - \frac{11}{6} \right) \times \frac{7}{5} \div \left(\frac{10}{3} - \frac{23}{9} \right)$$

$$\frac{3}{2} \times \left(\frac{21}{6} - \frac{11}{6} \right) \times \frac{7}{5} \div \left(\frac{10 \times 3}{3 \times 3} - \frac{23}{9} \right)$$

$$\frac{3}{2} \times \frac{10}{6} \times \frac{7}{5} \div \left(\frac{30}{9} - \frac{23}{9} \right)$$

$$\frac{3}{2} \times \frac{10^5}{6^2} \times \frac{7}{5} \div \frac{7}{9}$$

$$\frac{5}{2} \times \frac{7}{5} \div \frac{7}{9}$$

$$\frac{7}{2} \div \frac{7}{9} \curvearrowright$$

$$\frac{7}{2} \times \frac{9}{7} = \frac{9}{2} = \boxed{4 \frac{1}{2}}$$

$$E) \quad \frac{7}{8} \times \frac{11}{14} \times \frac{8}{13} \div \frac{22}{39}$$

$$\frac{11}{16} \times \frac{8}{13} \div \frac{22}{39}$$

$$\frac{11}{26} \times \frac{22}{39}$$

$$\frac{11}{26} \times \frac{39}{22}$$

$$= \frac{39}{52} =$$

$$\frac{26}{52}$$

$$F. \quad \frac{24}{3} \times \frac{21}{3} - \frac{1}{6} \div \frac{2}{3}$$

$$\frac{5}{6} - \frac{1}{6} \div \frac{2}{3} \times 2$$

$$\frac{5}{6} - \frac{1}{6} \div \frac{4}{6} \rightarrow$$

$$\frac{5}{6} - \frac{1}{6} \times \frac{6}{4}$$

$$\frac{5 \times 2}{6 \times 2} - \frac{1 \times 3}{4 \times 3}$$

$$\frac{10}{12} - \frac{3}{12}$$

$$\frac{7}{12}$$



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$$D) \frac{4}{5} \times \left(\frac{1x^3}{2x^3} + \frac{1x^2}{3x^2} \right) \div \frac{5}{6}$$

$$\frac{4}{5} \times \left(\frac{3}{6} + \frac{2}{6} \right) \div \frac{5}{6}$$

$$\frac{4}{5} \times \frac{5}{3} \div \frac{5}{6}$$

$$\frac{2}{3} \div \frac{5}{6}$$

$$\frac{2}{3} \times \frac{6}{5}$$

$$\frac{4}{5}$$

$$\begin{array}{r}
 3 \frac{3}{5} - 1 \frac{1}{3} \times 1 \frac{1}{2} \\
 3 \frac{3}{5} - \frac{4}{3} \times \frac{3}{2}
 \end{array}$$

$\frac{12}{5} - \frac{4}{3} \times \frac{3}{2}$
 $\frac{12}{5} - \frac{4 \times 3}{3 \times 2} = \frac{12}{5} - \frac{12}{6} = \frac{12}{5} - 2 = \frac{12}{5} - \frac{10}{5} = \frac{2}{5}$

$$\frac{15}{4} - \frac{2 \times 4 = 8}{1 \times 4 = 4} = \frac{15}{4} - \frac{8}{4} = \frac{7}{4} = 1 \frac{3}{4}$$

B) $\frac{7}{10} - \frac{1}{6} = \frac{28}{30} - \frac{5}{30} = \frac{23}{30}$

$\frac{7}{10} - \frac{1}{4 \times 10} = \frac{28}{40} - \frac{10}{40} = \frac{18}{40} = \frac{9}{20}$