

Fractions Challenge

Bronze

a) $\frac{3}{8} + \frac{1}{4} = \frac{5}{8}$

b) $\frac{5}{8} - \frac{2}{4} = \frac{1}{8}$

c) $\frac{5}{6} \times \frac{4}{5} = \frac{2}{3}$

d) $\frac{4}{7} \div \frac{2}{5} = \frac{10}{7}$

Gold

a) $3\frac{5}{9} + 5\frac{7}{8} = \frac{679}{72}$

b) $4\frac{3}{11} - 2\frac{4}{5} = \frac{81}{55}$

c) $2\frac{3}{4} \times 2\frac{1}{3} = \frac{77}{12}$

d) $5\frac{1}{9} \div \frac{6}{15} = \frac{690}{34} = \frac{345}{27}$

Silver

a) $\frac{4}{7} + \frac{1}{3} = \frac{19}{21}$

b) $\frac{3}{4} - \frac{1}{6} = \frac{7}{12}$

c) $8 \times 1\frac{2}{3} = \frac{40}{3}$

d) $2\frac{2}{5} \div 7 = \frac{12}{35}$

Deeper Thinking

a) $\frac{2}{3} + 5\frac{2}{7} + 2\frac{1}{2} = \frac{355}{42}$

b) $5 - 2\frac{1}{9} - \frac{4}{5} = \frac{94}{45}$

c) $\frac{3}{4} \times 3\frac{5}{9} \times 8 = \frac{384}{18} = \frac{192}{9}$

d) $2\frac{4}{5} \div \left(\frac{3}{4} \div \frac{2}{9}\right) = \frac{112}{135}$