

$$2.1 \text{ a) } \overset{3)}{\frac{1}{2}} + \frac{5}{6} = \frac{3}{6} + \frac{5}{6} = \frac{8}{6} = \frac{4}{3}$$

$$\text{b) } 3 - 2\frac{2}{3} = 3 - \frac{8}{3} \stackrel{3)}{=} \frac{3}{1} - \frac{8}{3} = \frac{9}{3} - \frac{8}{3} = \frac{9-8}{3} = \frac{1}{3}$$

$$2.5 \text{ a) } 3\frac{1}{3} \cdot \frac{4}{5} = \frac{10}{3} \cdot \frac{4}{5} = \frac{10 \cdot 4}{3 \cdot 5} = \frac{8}{3} (= 2\frac{2}{3})$$

$$\text{b) } -4 \cdot 2\frac{3}{5} = -\frac{4}{1} \cdot \frac{13}{5} = -\frac{52}{5}$$

$$\text{c) } 3 + 2 \cdot \frac{4}{5} = 3 + \frac{2}{1} \cdot \frac{4}{5} = 3 + \frac{8}{5} = \frac{5}{1} + \frac{8}{5} = \frac{15}{5} + \frac{8}{5} = \frac{23}{5}$$

$$2.8 \quad 1350 \xrightarrow{\text{Zuerst: } \frac{1}{3}} \frac{2}{3} \cdot 1350 \xrightarrow{\text{Dann: } \frac{2}{5}} \frac{3}{5} \cdot \frac{2}{3} \cdot 1350$$

$$\xrightarrow{\text{Dann: } \frac{1}{4}} \frac{3}{4} \cdot \frac{2}{5} \cdot \frac{2}{3} \cdot 1350 = \frac{3}{10} \cdot 1350 = 405(e)$$