

Solutions

2.1 $6/4 - 3/4 = 3/4 = 0.75$.

2.2 $(-2 \times 9) / (3 \times 4) = -18/12 = -1.5$.

2.3 Multiply by $8/5$: $24/20 = 6/5 = 1.2$.

3.1 False. $1/2 + 1/2 = 1$, while $(1+1)/(2+2) = 1/2$. Use a common denominator and add the adjusted numerators.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.