

Solutions

2.1 $375/1000$ reduces to $3/8$.

2.2 $35/10$ reduces to $7/2$, so the denominator is 2.

2.3 $6/100$ reduces to $3/50$, so the denominator is 50.

2.4 $100x - x = 27$ gives $27/99 = 3/11$.

2.5 $100y - 10y = 15$ gives $15/90 = 1/6$.

3.1 False. Three decimal places give $375/1000 = 3/8$. The proposed fraction $375/100$ is 3.75, ten times too large.

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