

Solutions

2.1 $1.1 \times 1000 + 50 = 1150$.

2.2 $1.1 \times 1150 + 50 = 1315$.

2.3 Solve $V = 0.8V + 20$: $0.2V = 20$.

3.1 False. Starting at 1000 with 10% interest and a deposit of 50, deposit first gives $1.1 \times 1050 = 1155$. Interest first gives $1.1 \times 1000 + 50 = 1150$.

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