

Solutions

2.1 $1000 \times 1.1^2 = 1210$.

2.2 $800 \times 0.8^2 = 512$.

2.3 $1000 \times 0.10 \times 2 = 200$; interest is separate from balance.

3.1 False. At 10% annually on 1000, simple interest gives 1200 after two years; compound interest gives $1000 \times 1.1^2 = 1210$.

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