

Solutions

2.1 $50 \times 20 / 10 = 100$.

2.2 Start at digit 4; the next digit after 7 is 8, so round to 0.0048.

2.3 Half of 0.1 is 0.05; $8.0 + 0.05 = 8.05$.

3.1 False. Rounding to 3.6 at one decimal gives $3.55 \leq x < 3.65$ under the usual rounding convention. Truncating a positive value to 3.6 gives $3.6 \leq x < 3.7$.

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