

Solutions

2.1 $b=2A/h=48/6$.

2.2 $a=(19-4)/5=3$.

2.3 $x=(17-2)/3=5$.

3.1 False. From $x+3=7$, subtracting 3 on both sides gives $x=4$. Subtracting it only on the left would give $x=7$, which fails the original equation.

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