

Solutions

2.1 $(6+10) \times 4/2 = 32$.

2.2 $8 \times 6 - 3 \times 2 = 42$.

2.3 Count the six outside edges; the notch replaces equal total lengths.

3.1 False. A parallelogram with base 8, sloping side 5 and perpendicular height 4 has area $8 \times 4 = 32$, not $8 \times 5 = 40$. Use the perpendicular separation of parallel sides.

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