Name: Date:

SURFACE AREA: CUBOIDS
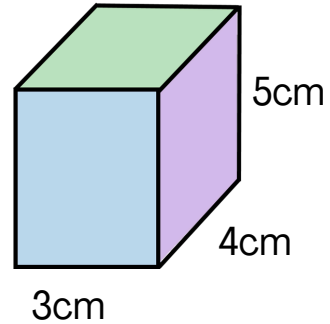## Answers

1

4cm
5cm
6cm
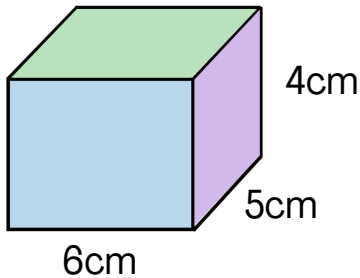
Front + Back = $\quad 2 \times (6 \times 4) = 48$

Top + Bottom = $\quad 2 \times (6 \times 5) = 60$

LHS + RHS = $\quad 2 \times (4 \times 5) = 40$

Total = $\boxed{\textbf{148}}$ cm^2

2

5cm
4cm
3cm

Front + Back = $\quad 2 \times (3 \times 5) = 30$

Top + Bottom = $\quad 2 \times (3 \times 4) = 24$

LHS + RHS = $\quad 2 \times (5 \times 4) = 40$

Total = $\boxed{\textbf{94}}$ cm^2

3

2cm
6cm
8cm
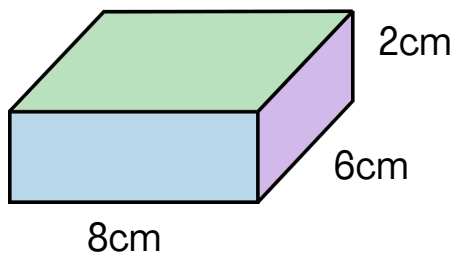
Front + Back = $\quad 2 \times (8 \times 2) = 32$

Top + Bottom = $\quad 2 \times (8 \times 6) = 96$

LHS + RHS = $\quad 2 \times (2 \times 6) = 24$

Total = $\boxed{\textbf{152}}$ cm^2

4

4cm
3cm
7cm
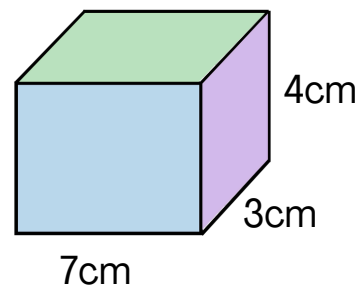
Front + Back = $\quad 2 \times (7 \times 4) = 56$

Top + Bottom = $\quad 2 \times (7 \times 3) = 42$

LHS + RHS = $\quad 2 \times (4 \times 3) = 24$

Total = $\boxed{\textbf{122}}$ cm^2