

Boxes and joined boxes

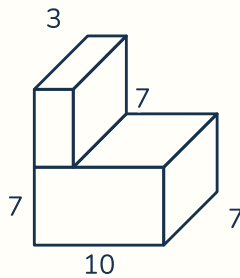
Name: _____

Date: _____

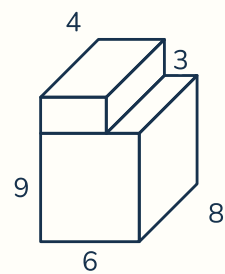


Find the volume of each box. All lengths are in centimetres.

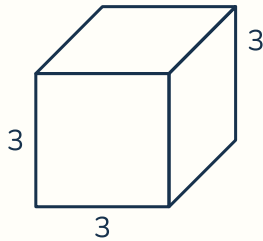
1

_____ cm³

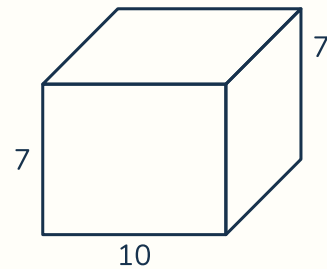
2

_____ cm³

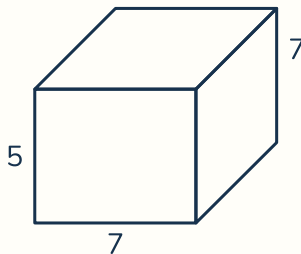
3

_____ cm³

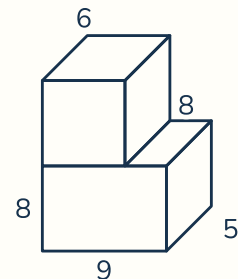
4

_____ cm³

5

_____ cm³

6

_____ cm³

Answer key

1. $10 \times 7 \times 7 + 3 \times 7 \times 7$: 637 cm^3

2. $6 \times 8 \times 9 + 4 \times 8 \times 3$: 528 cm^3

3. $3 \times 3 \times 3$: 27 cm^3

4. $10 \times 7 \times 7$: 490 cm^3

5. $7 \times 7 \times 5$: 245 cm^3

6. $9 \times 5 \times 8 + 6 \times 5 \times 8$: 600 cm^3

