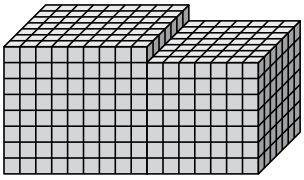
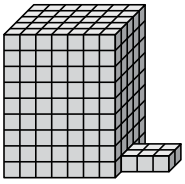
Find the total volume of each figure. Measurement is in cm (not to scale).

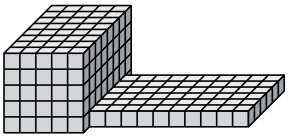
1)



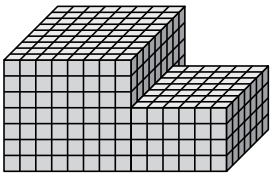
2)



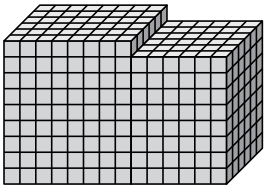
3)



4)



5)



Answers

1. _____

2. _____

3. _____

4. _____

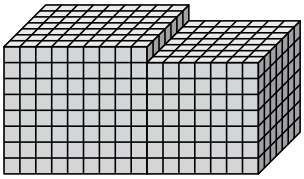
5. _____

1-5	80	60	40	20	0

Determining Volume of Joined Rectangular Prisms Name: **Answer Key**

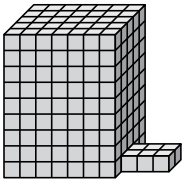
Find the total volume of each figure. Measurement is in cm (not to scale).

1)



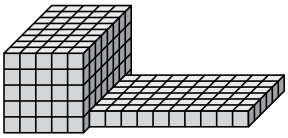
$9 \times 7 \times 8 = 504$
$7 \times 7 \times 7 = 343$

2)



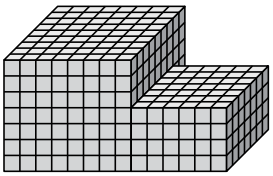
$7 \times 5 \times 9 = 315$
$3 \times 2 \times 1 = 6$

3)



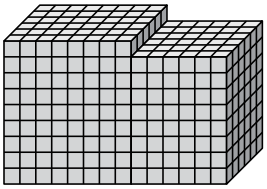
$5 \times 8 \times 5 = 200$
$10 \times 6 \times 1 = 60$

4)



$8 \times 9 \times 7 = 504$
$6 \times 7 \times 4 = 168$

5)



$8 \times 6 \times 9 = 432$
$6 \times 6 \times 8 = 288$

Answers

1. **847 cm^3**
2. **321 cm^3**
3. **260 cm^3**
4. **672 cm^3**
5. **720 cm^3**

1-5	80	60	40	20	0