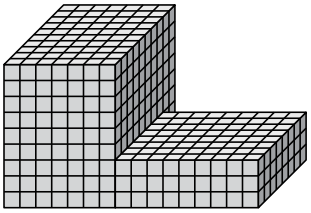
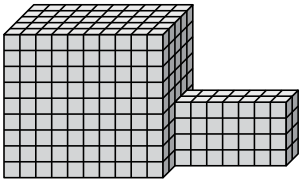
Determining Volume of Joined Rectangular Prisms Name:

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

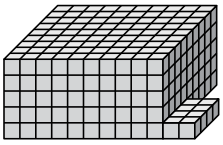
1)



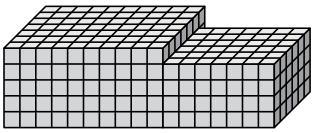
2)



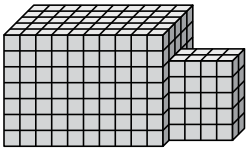
3)



4)



5)



Answers

1. _____

2. _____

3. _____

4. _____

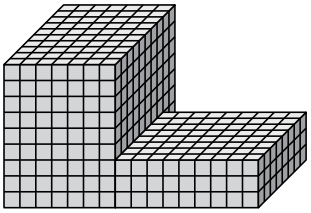
5. _____

1-5	80	60	40	20	0

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

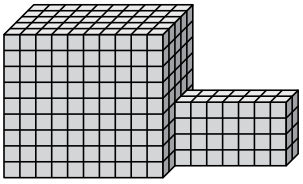
Find the total volume of each figure. Measurement is in cm (not to scale).

1)



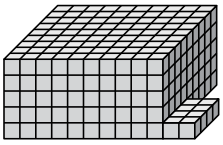
$7 \times 10 \times 9 = 630$
$9 \times 8 \times 3 = 216$

2)



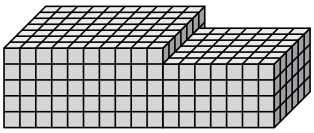
$10 \times 5 \times 9 = 450$
$7 \times 2 \times 4 = 56$

3)



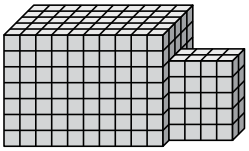
$10 \times 9 \times 5 = 450$
$2 \times 4 \times 1 = 8$

4)



$10 \times 7 \times 5 = 350$
$7 \times 6 \times 4 = 168$

5)



$10 \times 5 \times 7 = 350$
$4 \times 2 \times 5 = 40$

Answers

1. **846 cm^3**
2. **506 cm^3**
3. **458 cm^3**
4. **518 cm^3**
5. **390 cm^3**

1-5	80	60	40	20	0