



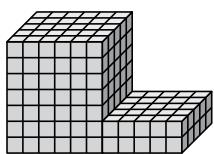
Determining Volume of Joined Rectangular Prisms

Name: _____

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

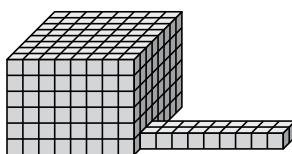
Answers

1)



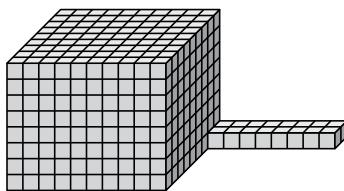
1. _____

2)



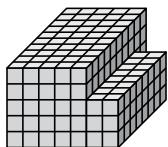
2. _____

3)



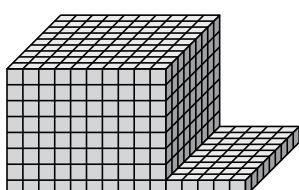
3. _____

4)

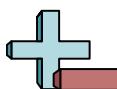


4. _____

5)



5. _____

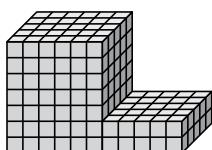


Determining Volume of Joined Rectangular Prisms

Name: **Answer Key**

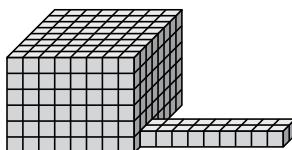
Find the total volume of each figure. Measurement is in cm (not to scale).

1)



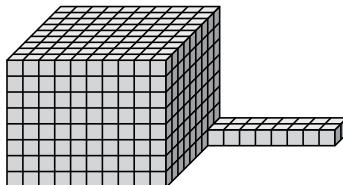
$$6 \times 5 \times 7 = 210$$
$$5 \times 5 \times 2 = 50$$

2)



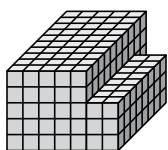
$$8 \times 8 \times 6 = 384$$
$$9 \times 2 \times 1 = 18$$

3)



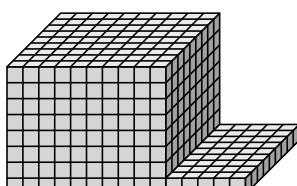
$$10 \times 9 \times 8 = 720$$
$$8 \times 2 \times 1 = 16$$

4)



$$5 \times 10 \times 5 = 250$$
$$2 \times 8 \times 3 = 48$$

5)



$$10 \times 9 \times 8 = 720$$
$$5 \times 9 \times 1 = 45$$

Answers1. **260 cm³**2. **402 cm³**3. **736 cm³**4. **298 cm³**5. **765 cm³**