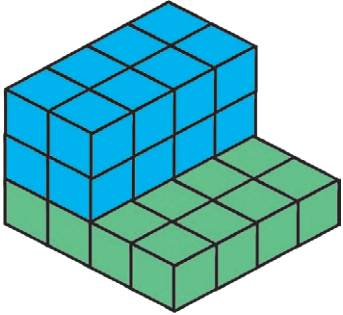
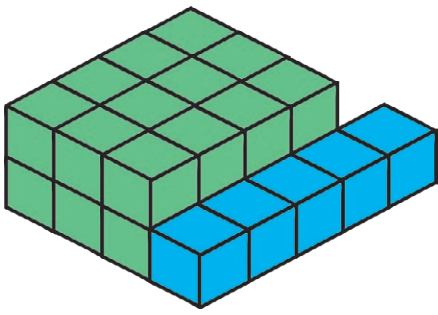
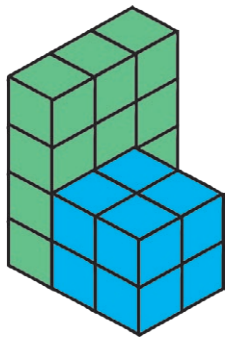


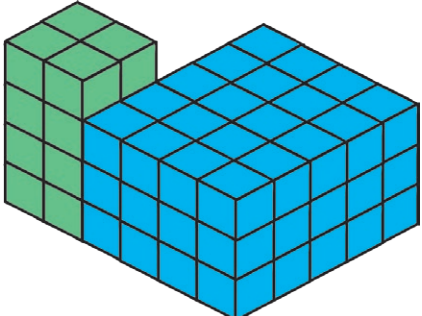
Volume is Additive with Models

Directions: Imagine the figures below as rectangular prisms.
Write an equation for each prism and find the total volume.

	<p>Figure A: $2 \text{ units} \times 4 \text{ units} \times 2 \text{ units} = 16 \text{ units}^3$</p>
	<p>Figure B: $4 \text{ units} \times 4 \text{ units} \times 1 \text{ unit} = 16 \text{ units}^3$</p>
	<p>Total Volume: 32 units^3</p>

	<p>Figure A:</p>
	<p>Figure B:</p>
	<p>Total Volume:</p>

	<p>Figure A:</p>
	<p>Figure B:</p>
	<p>Total Volume:</p>

	<p>Figure A:</p>
	<p>Figure B:</p>
	<p>Total Volume:</p>

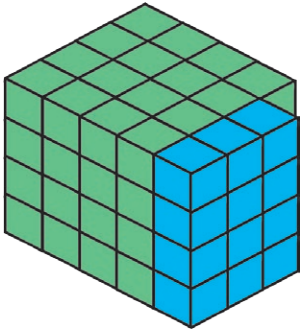


Figure A:

Figure B:

Total Volume:

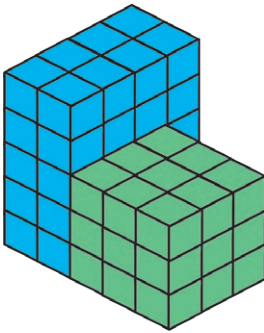


Figure A:

Figure B:

Total Volume:

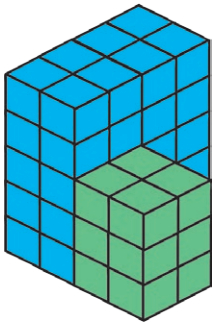


Figure A:

Figure B:

Total Volume:

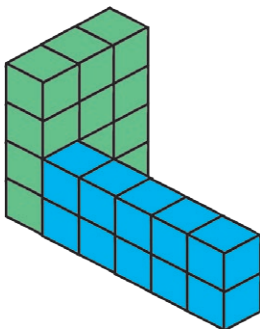


Figure A:

Figure B:

Total Volume:

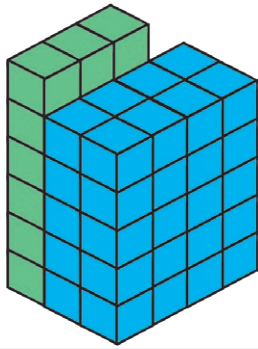


Figure A:

Figure B:

Total Volume:

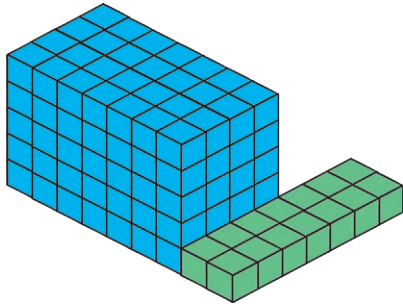


Figure A:

Figure B:

Total Volume:

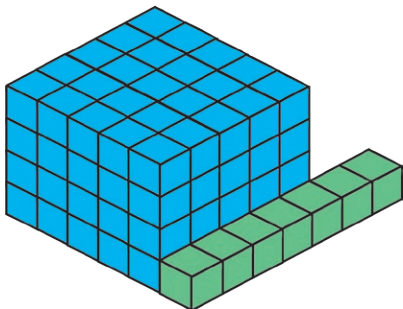
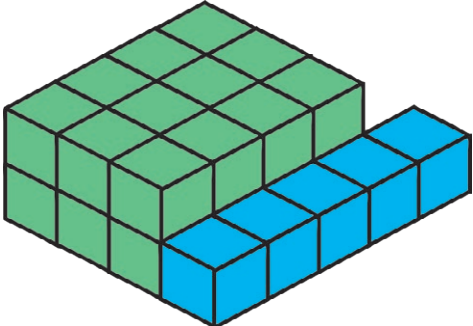


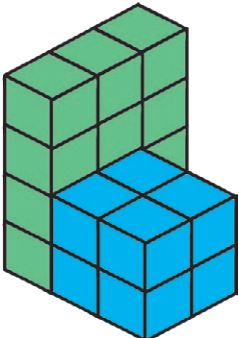
Figure A:

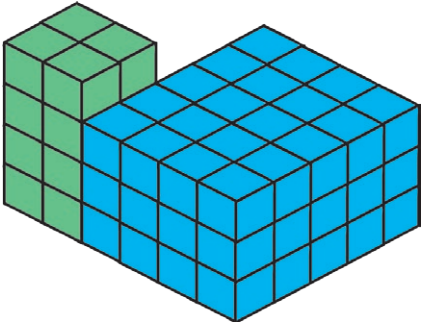
Figure B:

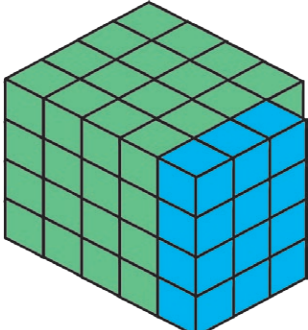
Total Volume:

Volume is Additive with Models **Answers**

	Figure A: 5 units
	Figure B: 24 units
	Total Volume: 29 units

	Figure A: 8 units
	Figure B: 12 units
	Total Volume: 20 units

	Figure A: 60 units
	Figure B: 16 units
	Total Volume: 76 units

	Figure A: 12 units
	Figure B: 64 units
	Total Volume: 76 units

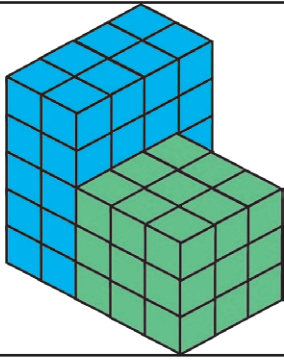


Figure A: 40 units

Figure B: 27 units

Total Volume: 67 units

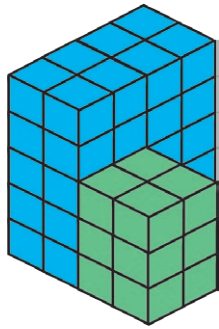


Figure A: 12 units

Figure B: 40 units

Total Volume: 52 units

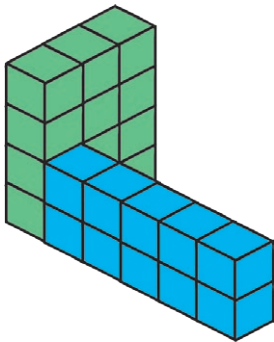


Figure A: 10 units

Figure B: 12 units

Total Volume: 22 units

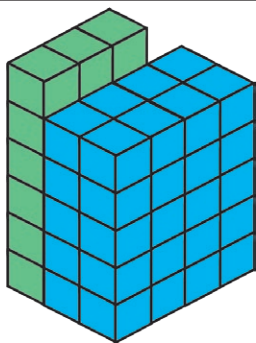


Figure A: 18 units

Figure B: 80 units

Total Volume: 98 units

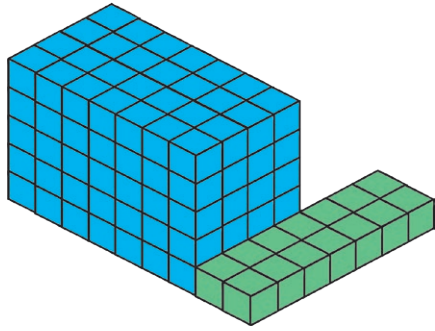


Figure A: 140 units

Figure B: 14 units

Total Volume: 154 units

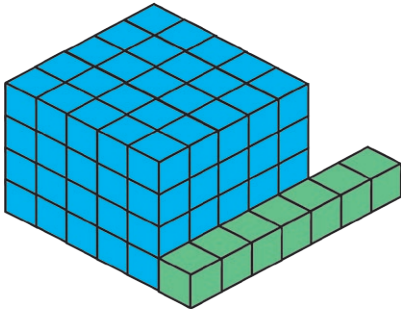


Figure A: 100 units

Figure B: 7 units

Total Volume: 107 units