

# Volume of Prisms

Imagine you have this wooden block (Three-Dimensional Figure A). Each side is a parallelogram. You need to find its volume. It is painted in two colors, is quite solid, and cannot be taken apart.

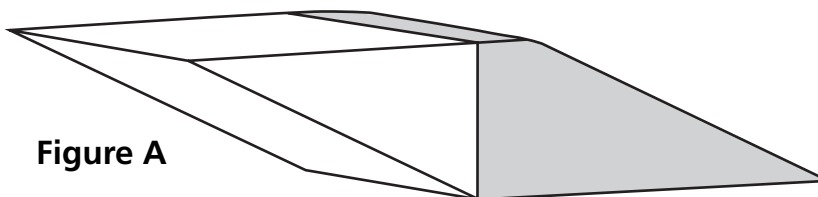


Figure A

But you can imagine taking it apart and rearranging the parts to make this other three-dimensional figure.

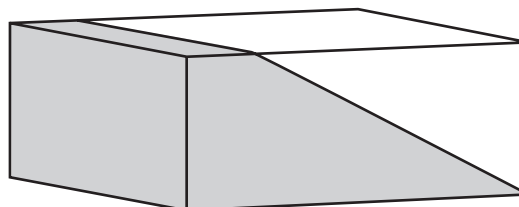


Figure B

Although you have imagined Figure B, you only have Figure A to measure.

Tell what measurements you would make on Figure A, and what you would do with those measurements. Explain why your method will give the correct volume of Figure A.

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