

Skills Practice

Stage 35: Geometry

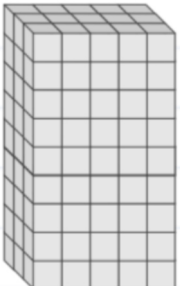
Task 1:

Maria puts rectangular stickers on her laptop cover.
The cover measures 9 by 14 inches. Each sticker measures 3 by 2 inches.
She covers the entire surface of her case with no overlaps.

How many stickers does she place on the case?

Make a model and show how you find the answer.

Task 2:



In the prism above, each cube has a side length of $\frac{1}{3}$ cm.

What is the volume of the prism?

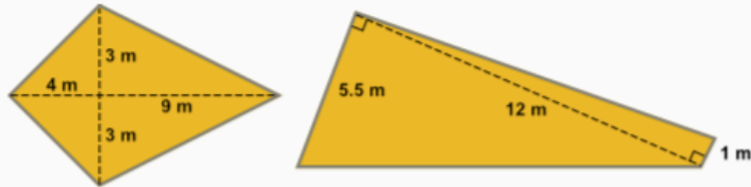
If each dimension is doubled, what happens to the volume?



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Task 3:



Compare the areas of these two shapes. Which shape has a larger area?

Show how you can decompose them into smaller shapes to find partial areas.

