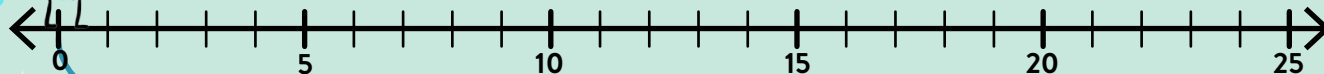


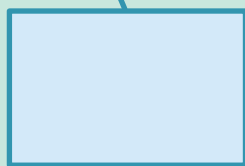


AREA, PERIMETER, AND VOLUME



Plot the **perimeter** of these shapes on the number line.

4 in.



6 in.

Area =

sq. in.

7 in.



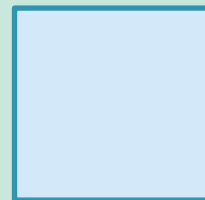
3 in.

Area =

sq. in.



in.



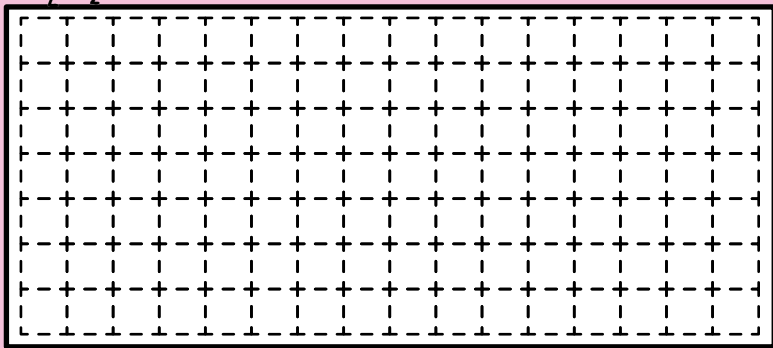
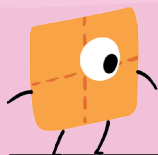
in.

I have the same perimeter as them.

Area =

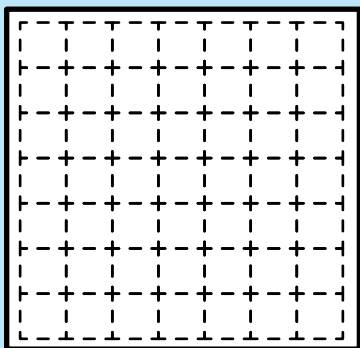
sq. in.

I wonder if these rectangles have the same **area**.

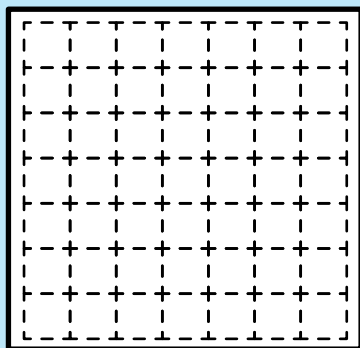


What do I look like?

My area is **35** square units. One side of my rectangle is **2** square units longer than the other.

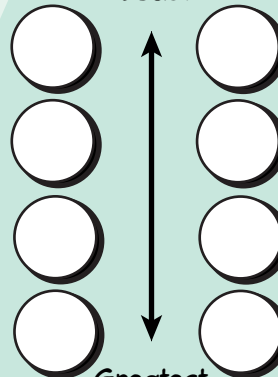


My area is half the number of square units as my perimeter's length.

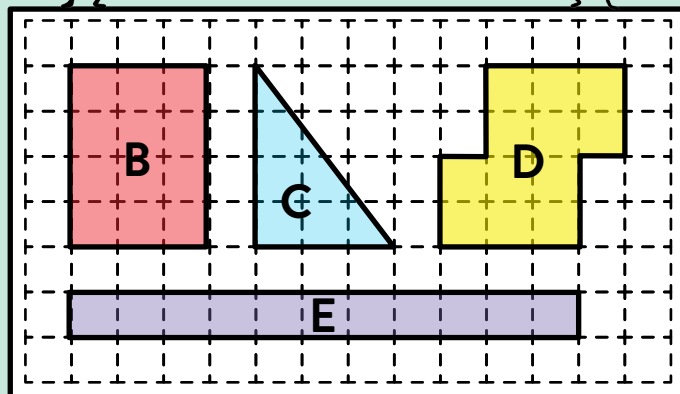
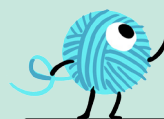


List the **perimeter** and **area**.

Least

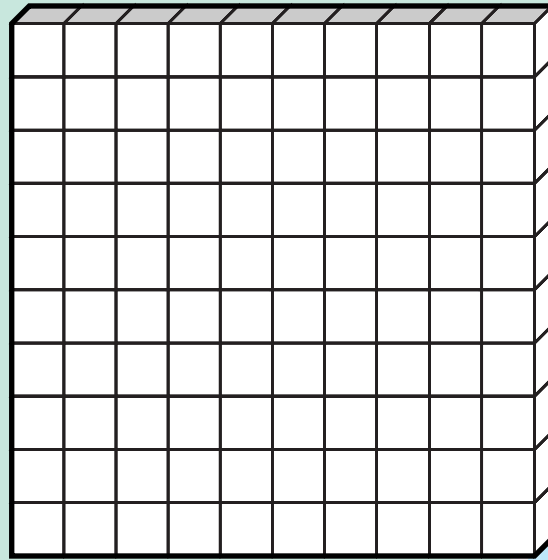
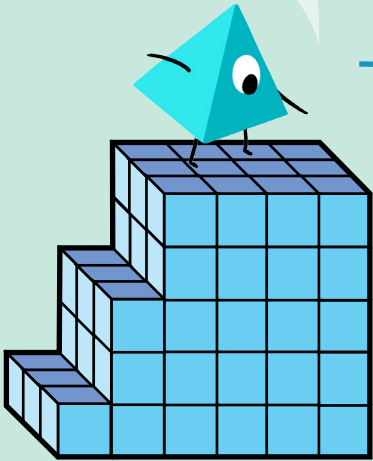


Greatest



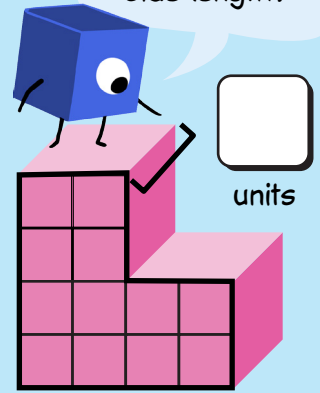
AREA, PERIMETER, AND VOLUME

The volume of this prism is the same as this

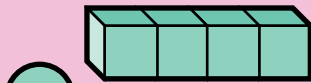


Volume =
cu. in.

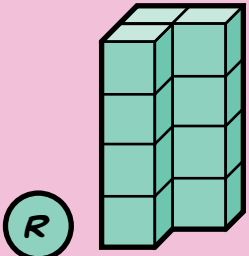
What is the missing side length?



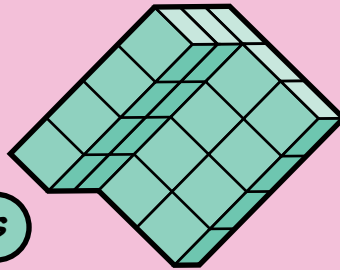
Volume = 60 cubic units



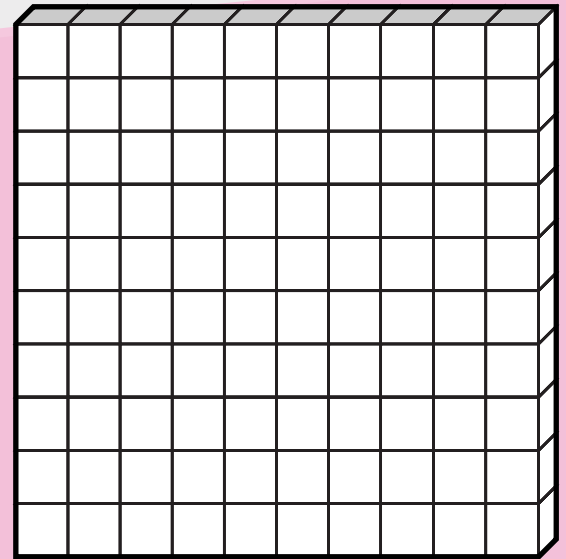
Q Volume =
cu. in.



R Volume =
cu. in.

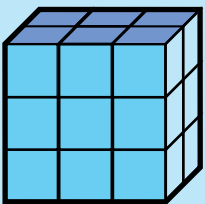


S Volume =
cu. in.



Volume =
cu. in.

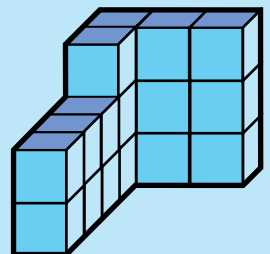
Q + R + S = cu. in.



Volume =
cu. in.

What's your strategy to find the volume of this prism?

I used a
☐ similar ☐ different
strategy to find the volume
of this shape.



Volume =
cu. in.