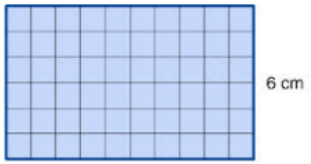
Area

and how to calculate from a map

iPad :)

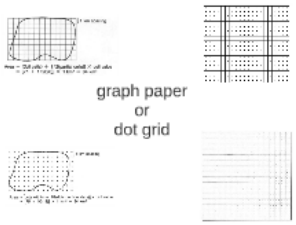


What's the area of the rectangle?

What is the area of the rectangle if it is a 1:5,000 map?

What about irregular shapes?

planimeter



graph paper
or
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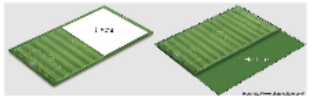

1 ha = 10,000 m2
1 ha = 2.47 acres

"make boxes"
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use "strips"
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What's the area of the bat?

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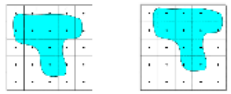

- size of grid
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Area Calculator
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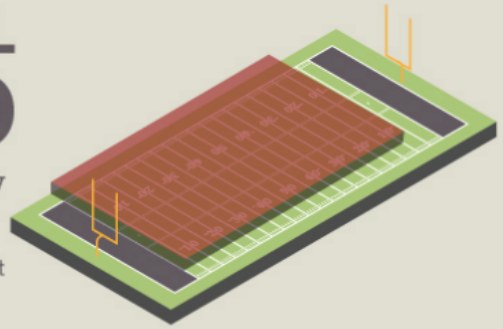
WHAT EQUALS AN ACRE?

It was commonly known as the amount of land a farmer could plow in one day with an yoke of oxen. It took the real estate agent a lot longer. A look online will tell you an acre is equal to 43,560 square feet, but how big is that?

1 FOOTBALL FIELD

An acre of land is roughly the size of a football field
1 acre = 43, 560 sq ft
Football field = 48,000 sq ft
(w/o endzones)

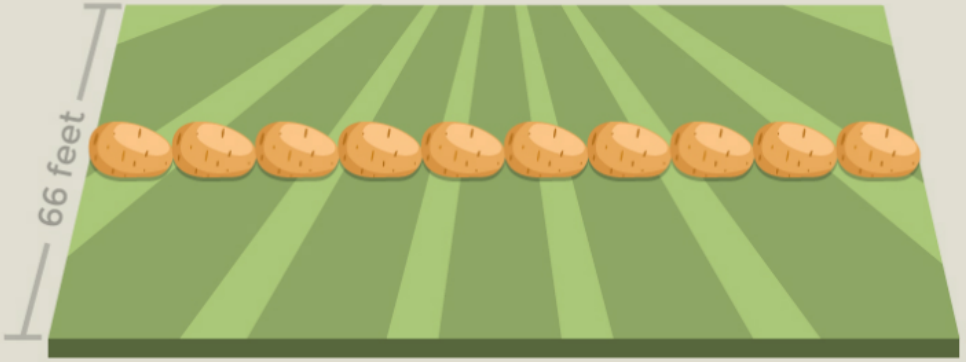


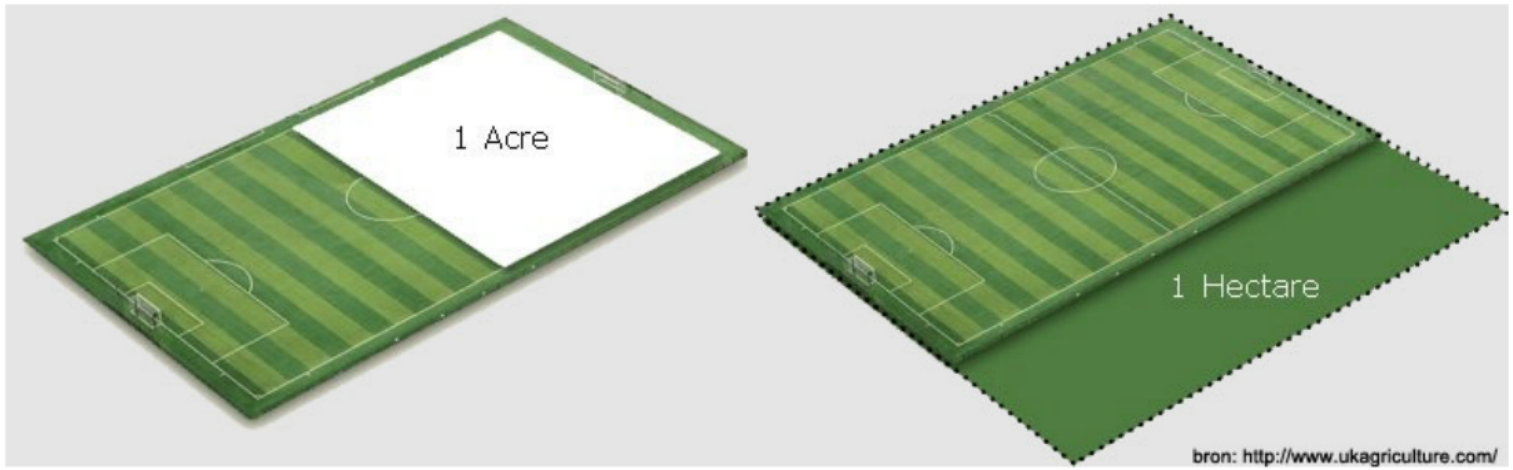
18 average sized homes EQUALS 1 ACRE

Eighteen 2,400 sq ft homes fit nicely on an acre of land.

1,584 POTATOES

The amount of potatoes needed to make a line from one end to the other of an acre.





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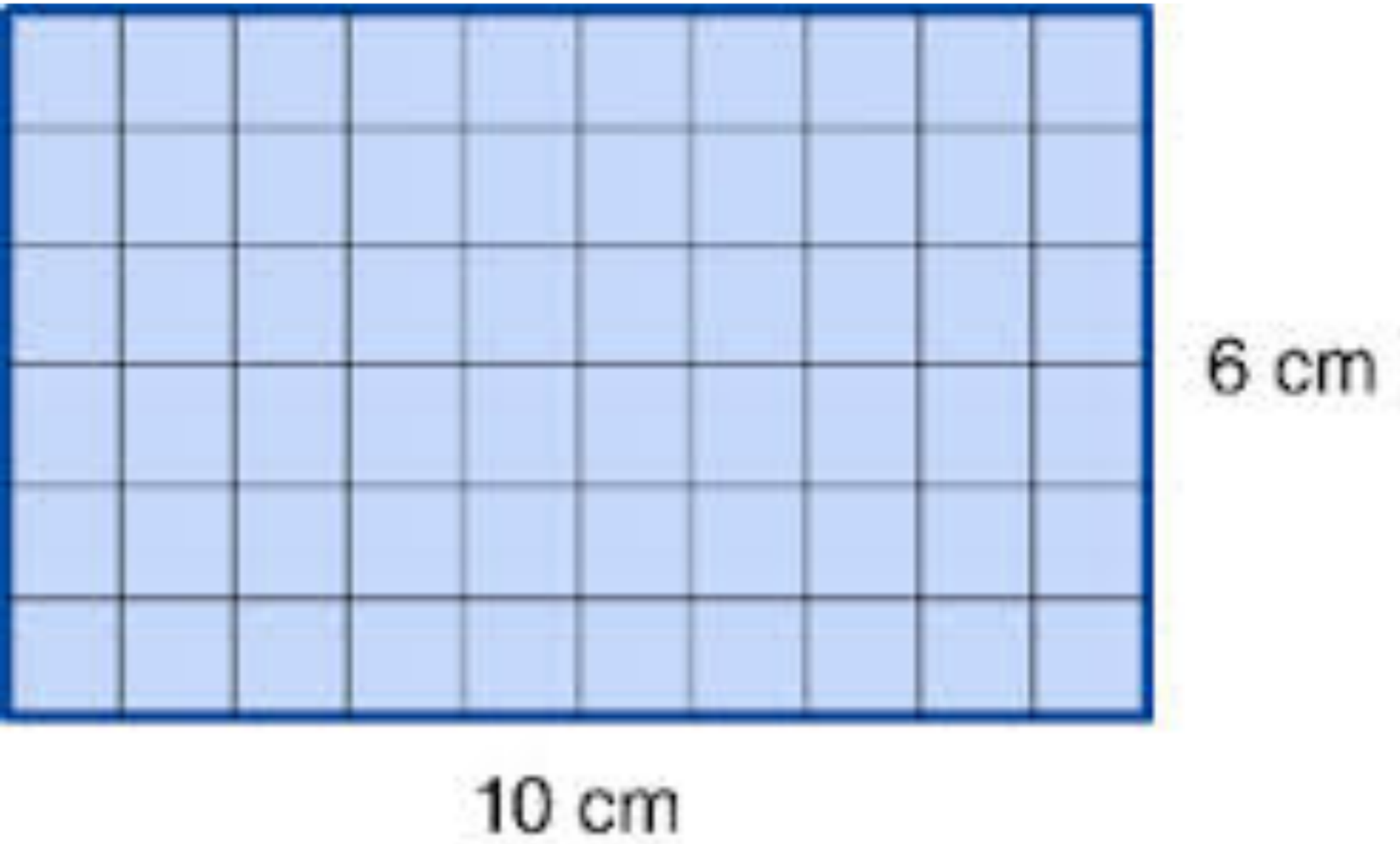

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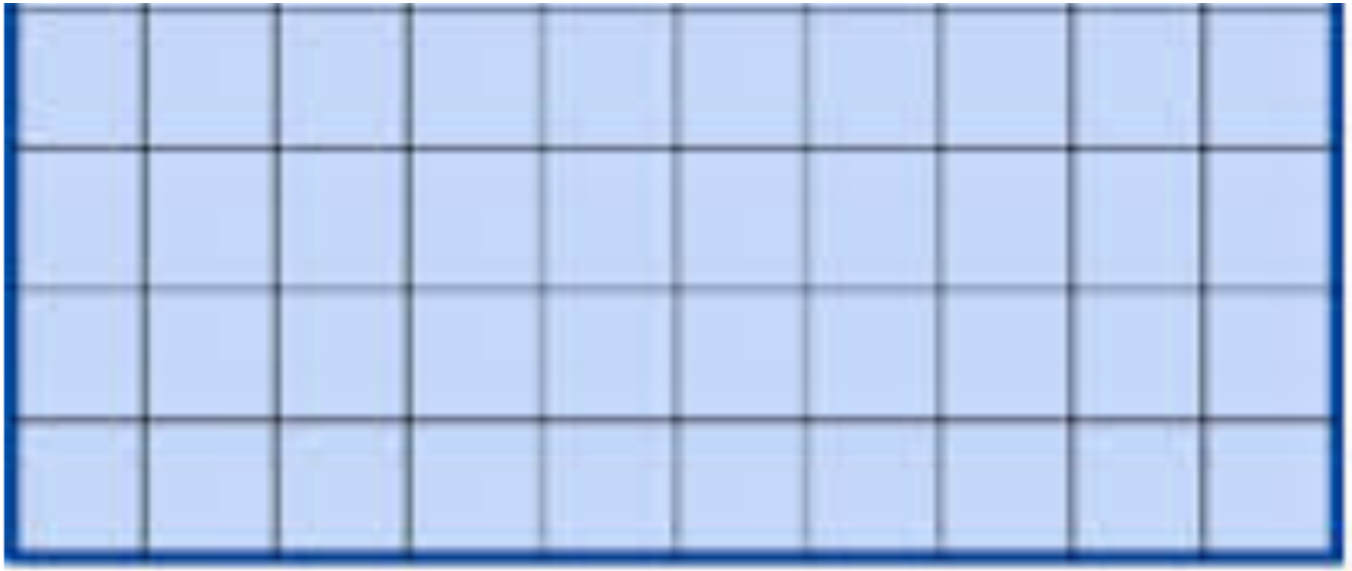

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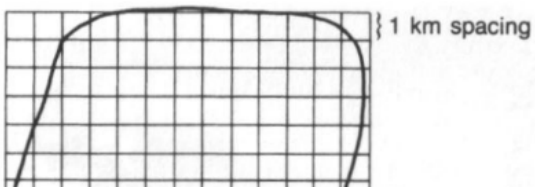

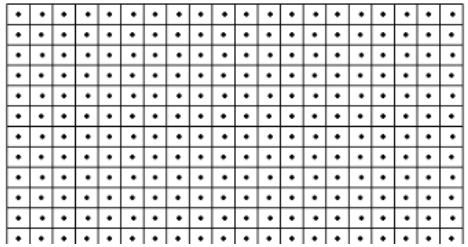

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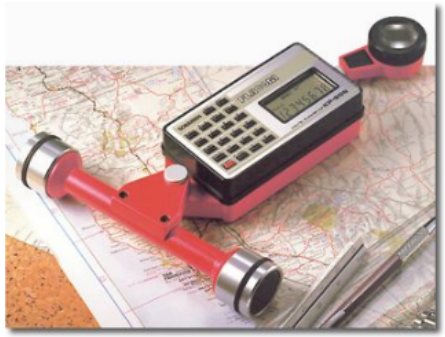

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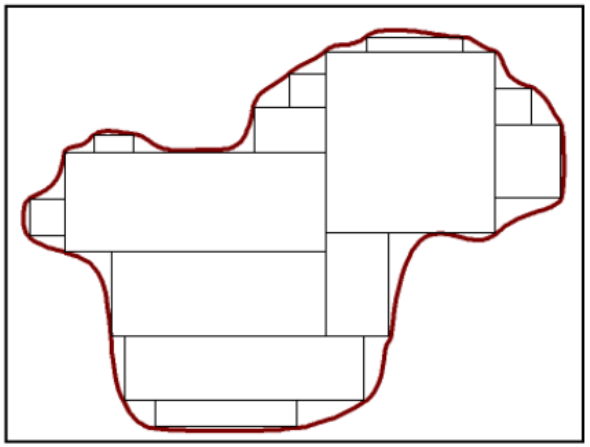

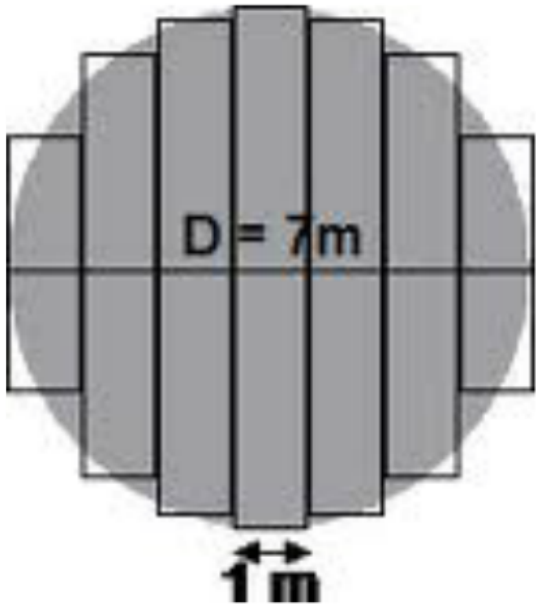

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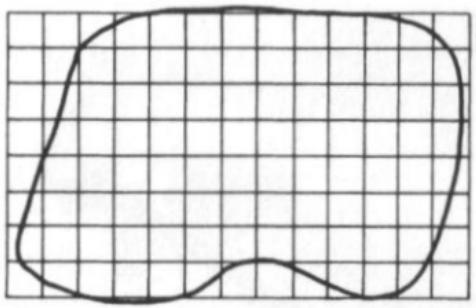
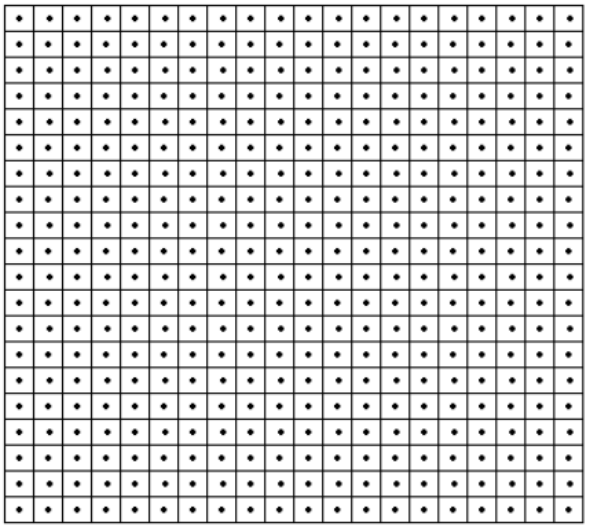


Area = [(full cells) + 1/2(partial cells)] × cell value
= [71 + 1/2(26)] × 1 km² = 84 km²



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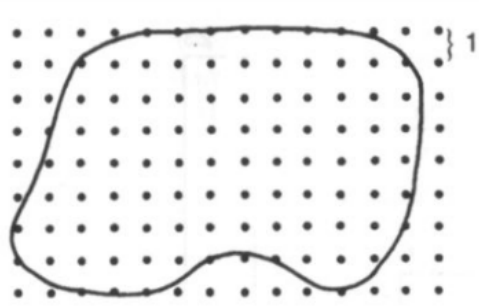
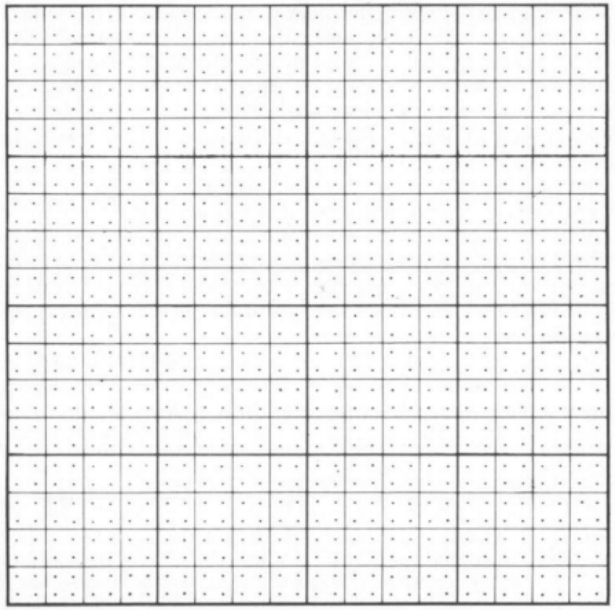


Area = [dots within + 1/2(dots on boundary)] × dot value
= [75 + 1/2(18)] × 1 km² = 84 km²



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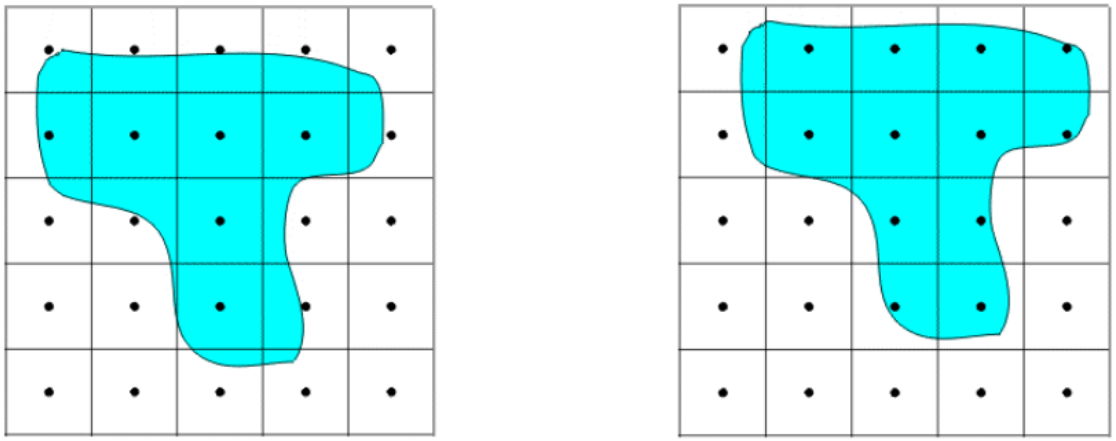

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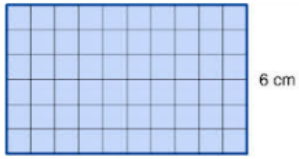

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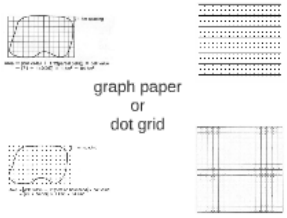

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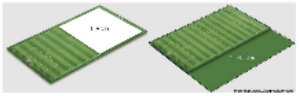

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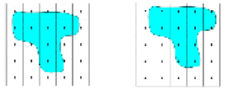

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