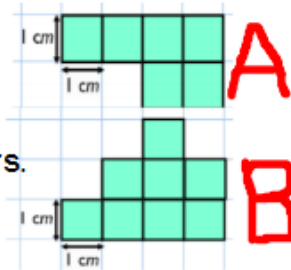


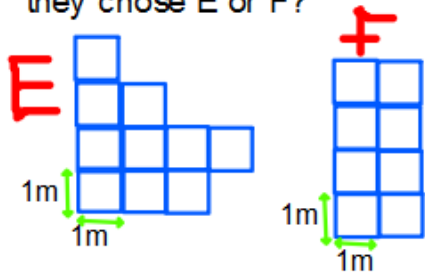
Challenge 1

1) Work out the area of shape A and shape B.



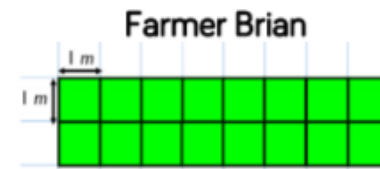
Answer in square centimeters.

3) If a school wanted the biggest playground, would they chose E or F?



Explain your answer.

2) Farmer Greg and Farmer Brian are measuring their fields in square metres.



Whose field is larger?

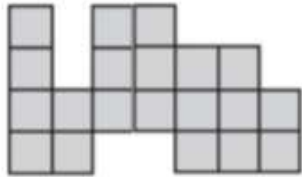
4) If you draw a square on squared paper it will have an even area.

Prove it

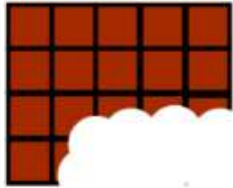
Answer with: **Always, sometimes or never.**

Challenge 2 and 3

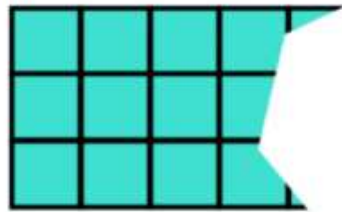
- 1) What is the area of the playground in square metres? Each square is worth 1m^2 .



- 3) Mikey has taken a bite of the chocolate bar.



The chocolate bar was a rectangle. Can you work out how many squares of chocolate there were to start with?



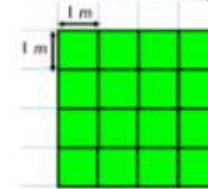
Super challenge.

This rectangle has had part of it What is the smallest number of squares it could have had?

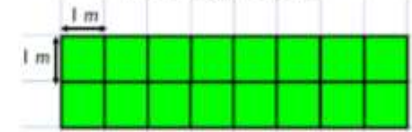
What is the largest number of squares it could have had if its width was no more than 5 times larger than its height?

- 2) Farmer Greg and Farmer Brian are measuring their fields in square metres.

Farmer Greg



Farmer Brian



- a) How big is Farmer Greg's field?
b) How big is farmer Brian's field?
c) Who's is larger?

- 4) If you draw a square on squared paper it will have an even area.
Prove it.

Answer using **always**, **sometimes** or **never**.

