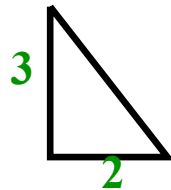


A point on the two-dimensional plane can be determined as the intersection of the two lines (coordinates); each set of coordinates is called an ordered pair like (3,2); this means 3 on the horizontal or x axis and 2 on the vertical or y axis.

Discover the picture produced by interconnecting in succession the 16 ordered pairs obtained by plotting the coordinates.

(SEE NEXT PAGE FOR THE 16 ORDERED PAIRS)

Then, figure out the area of the picture produced. Use the formula for the area of a triangle (Base times Height divided by 2).



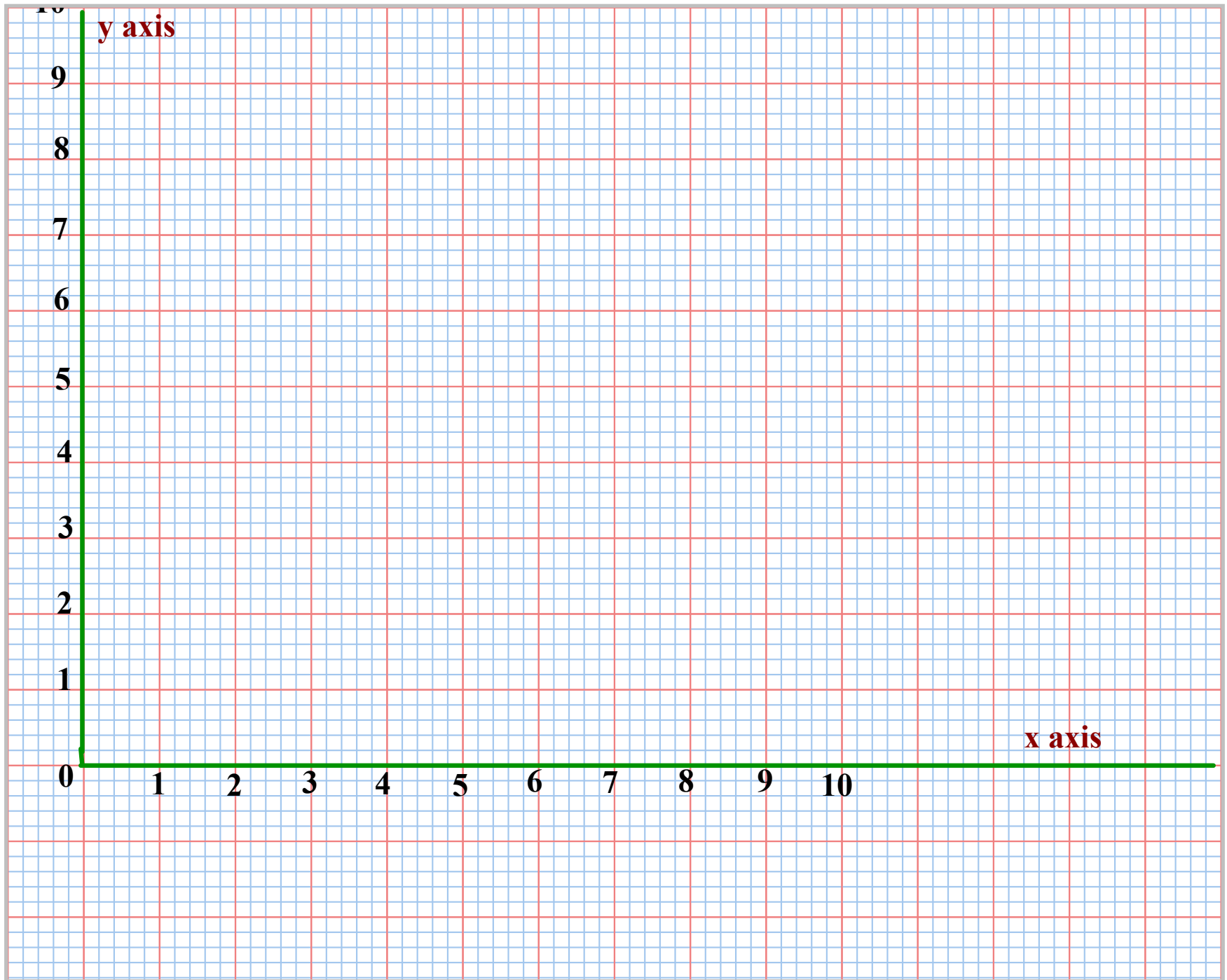
**Base of the triangle is 2 and height is 3
2 times 3 divided by 2 = 3 square units**

Height always is the perpendicular distance from the Base to the opposite vertex (point at which two segments of an angle meet).

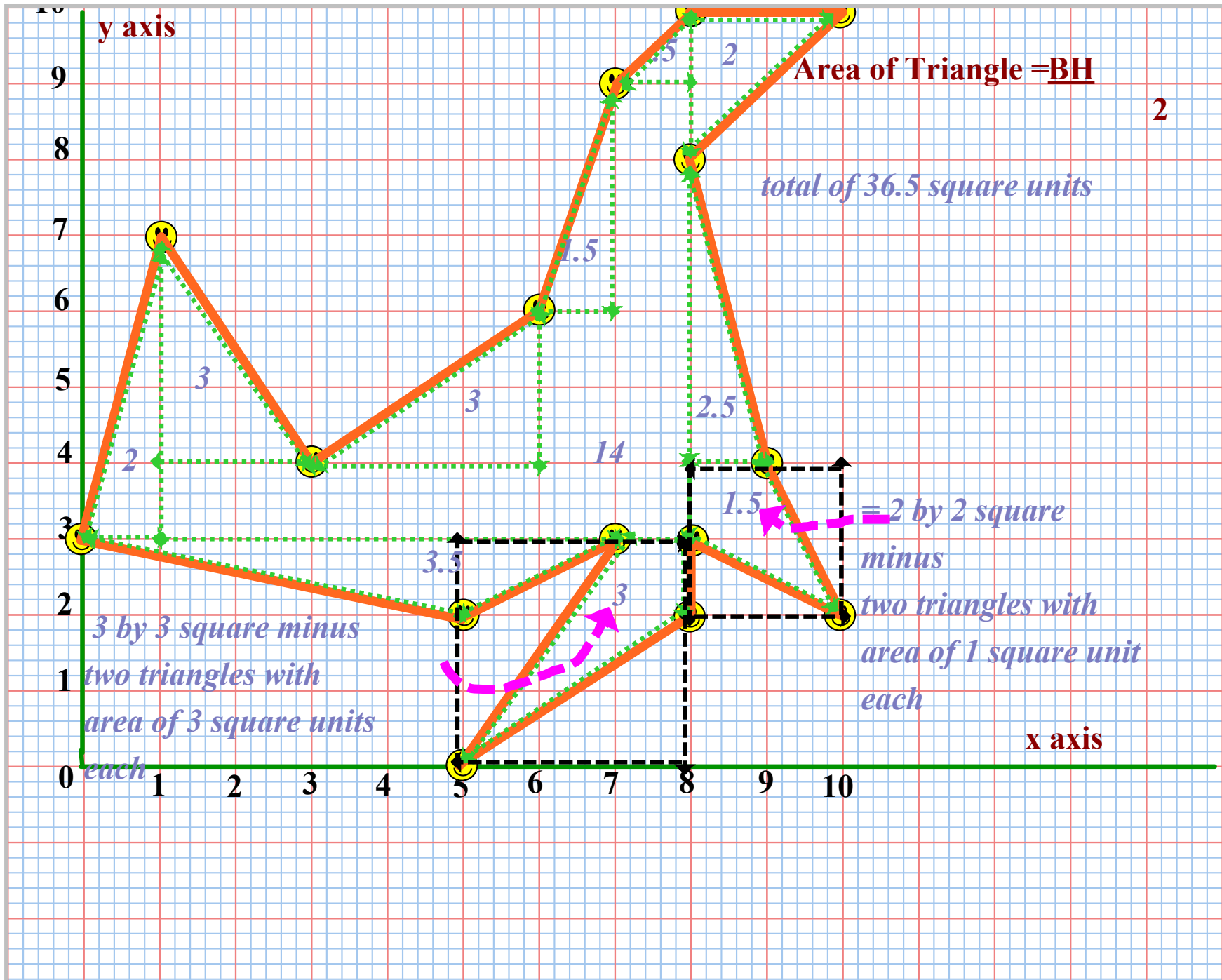
Discover the picture produced by interconnecting in succession the 16 ordered pairs obtained by plotting the coordinates.

Ordered
Pair x axis y axis

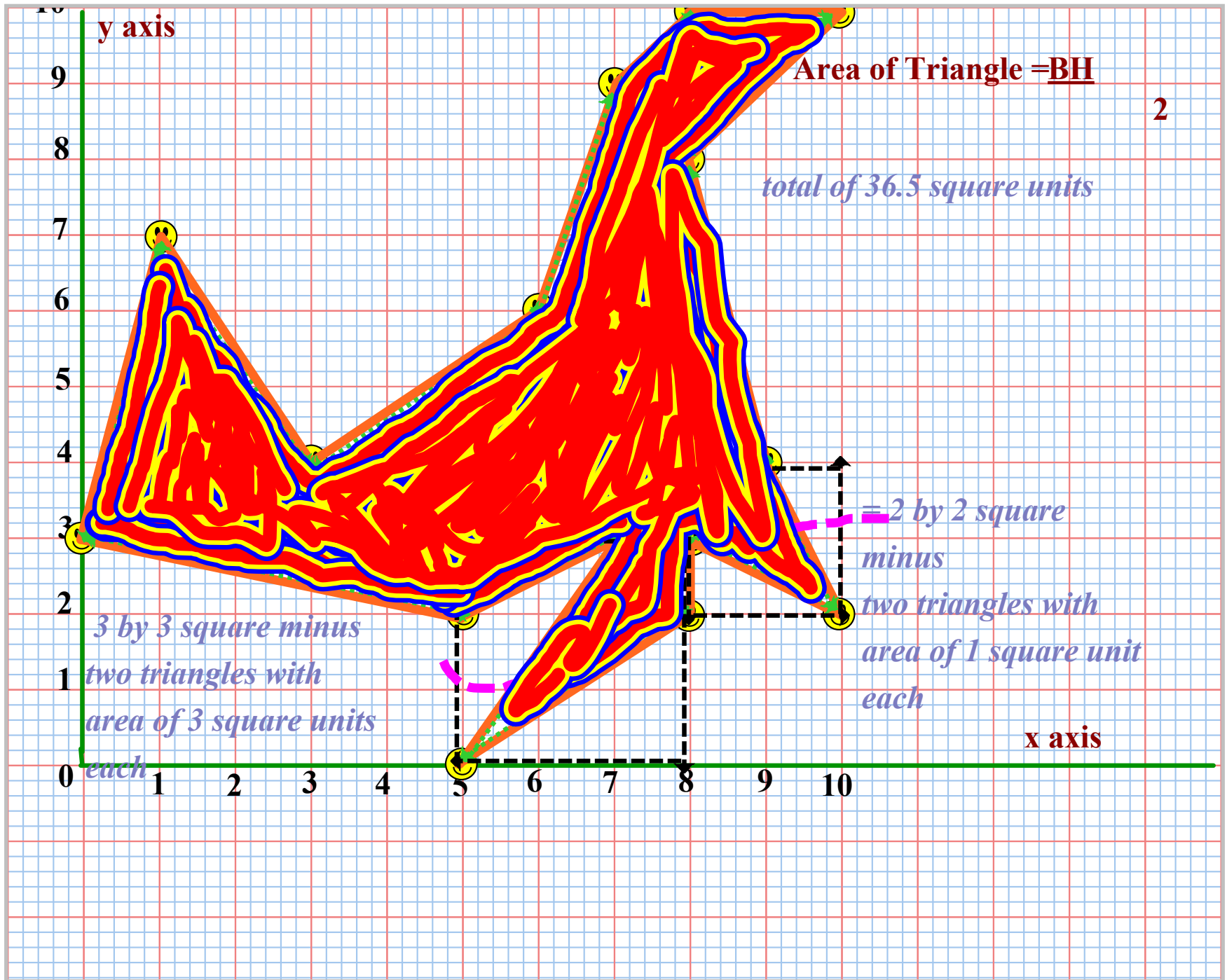
1		5	0
2		7	3
3		5	2
4		0	3
5		1	7
6		3	4
7		6	6
8		7	9
9		8	10
10		10	10
11		8	8
12		9	4
13		10	2
14		8	3
15		8	2
16		5	0



Title: Grid - small (3 of 5)



Title: Grid - small (4 of 5)



Title: Grid - small (5 of 5)