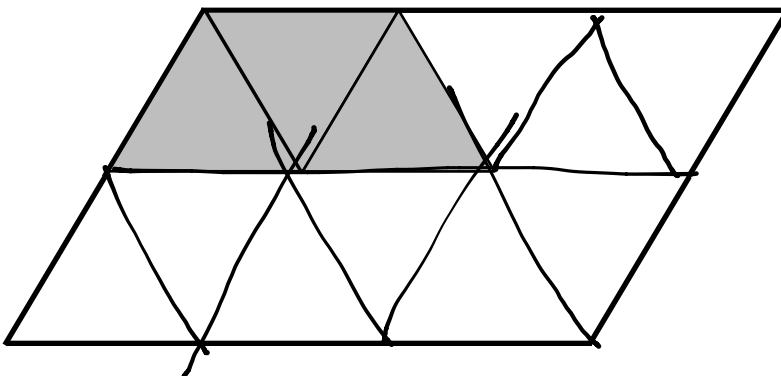


Name _____

Date _____

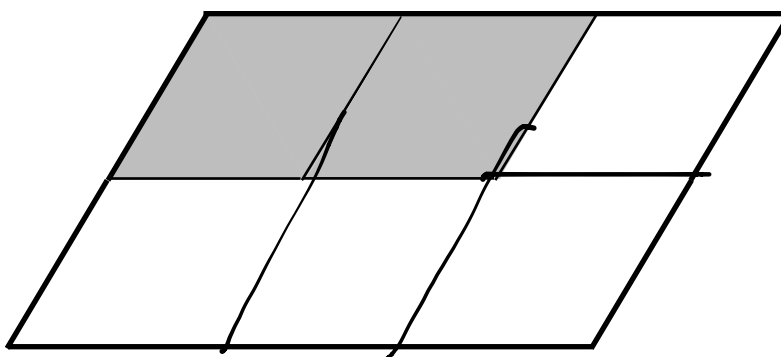
1. Magnus covers the same shape with triangles, rhombuses, and trapezoids

a. How many triangles will it take to cover the shape?



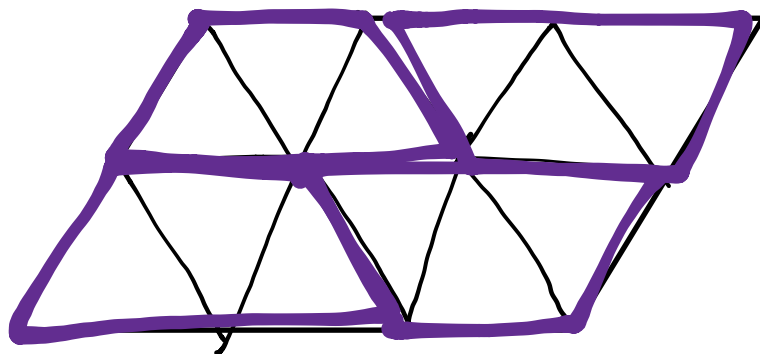
12 triangles

b. How many rhombuses will it take to cover the shape?



6 rhombuses

c. Magnus notices that 3 triangles from Part (a) cover 1 trapezoid. How many trapezoids will it take to cover the shape below? Explain your answer.



4 trapezoids

because 12 (from part a) divided by 3 equals 4.

2. Angela uses squares to find the area of a rectangle. Her work is shown below.
- a. How many squares did she use to cover the rectangle?

1	2	3
4	5	6
7	8	9
10	11	12

12 squares

- b. What is the area of the rectangle in square units? Explain how you found your answer.

The area is 12 square units because the rectangle has 12 squares in it.

3. Each  is 1 square unit. Which rectangle has the biggest area? How do you know?

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18

Rectangle A

1	2
3	4
5	6
7	8

Rectangle B

1	2	3	4	5	6	7	8	9	10
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Rectangle C

Rectangle A has the biggest area because it uses more squares than the other figures.