



1. Find the missing measurement.

a. Length = 5 Width = 6 Area = ?

b. Length = ? Width = 12 Area = 96

c. Length = 36 Width = ? Area = 540

2. Lani needs space on the floor for 6 boxes. Each box has a length of 41 cm and a width of 35 cm. How much floor space does Lani need?



3. A rectangular movie screen is 24 meters long and 29 meters high. Show 3 ways you can find the area of the screen.



4. The area of a rectangle is 24 meters.
- Draw all possible rectangles with this area.
 - Calculate the perimeter of each rectangle.

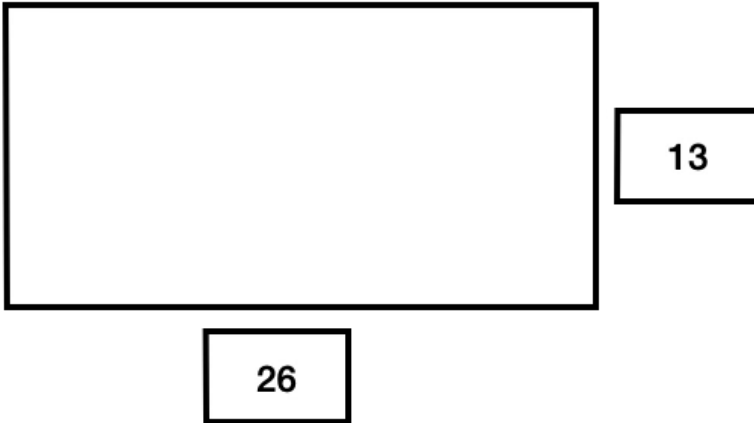


5. Find the missing measurements.

a. Area = 15 Perimeter = 16 Width = ? Length = ?

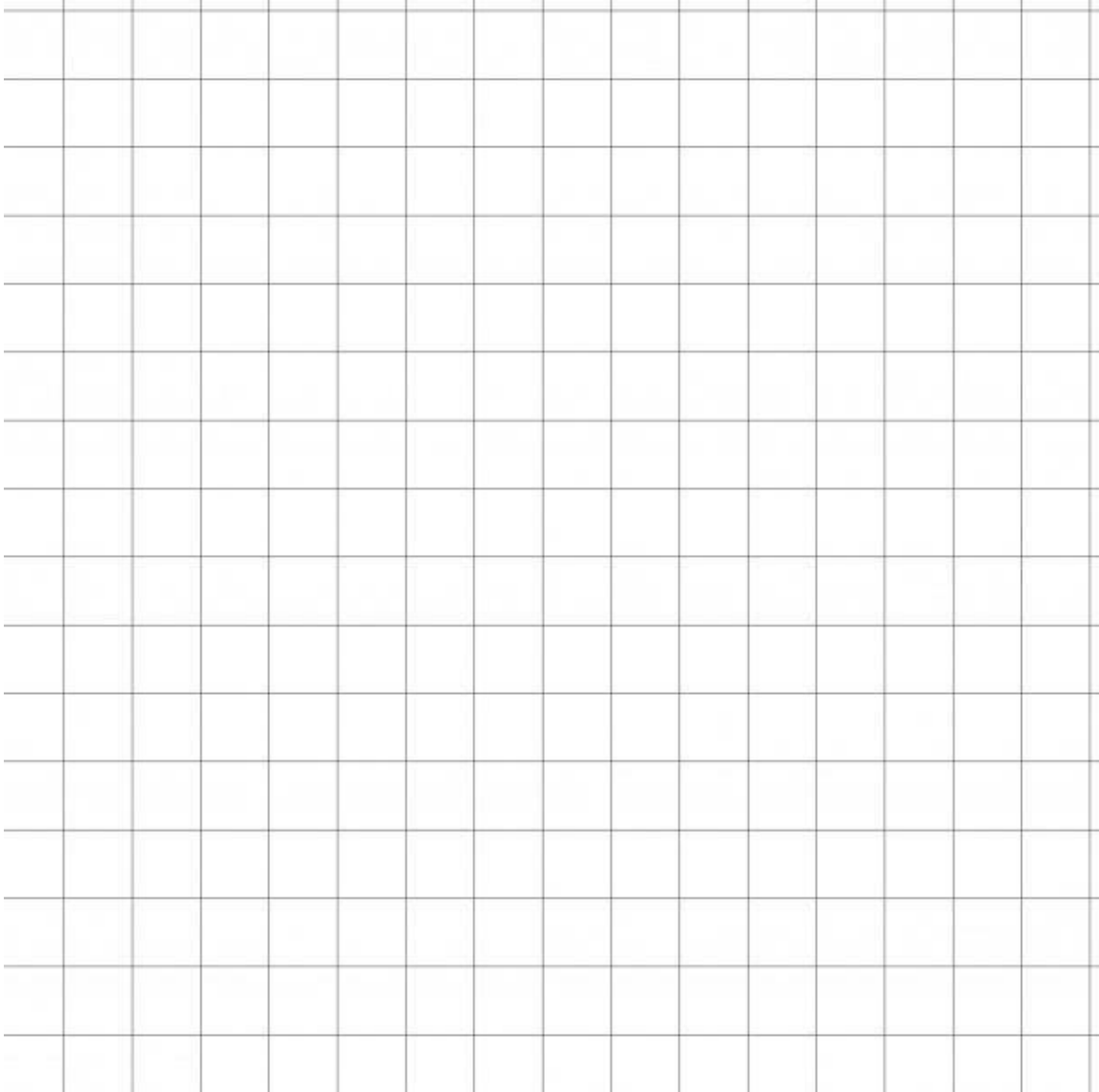
b. Area = 42 Perimeter = 26 Width = ? Length = ?

6. Find the area and the perimeter of the rectangle.

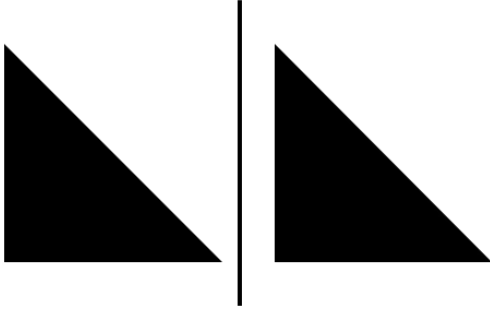




7. Draw a shape on the grid. Predict where the shape will be if it is translated 3 squares up and 5 squares right. Draw the image.



8. Is this image a reflection? Explain your reasoning.



9. Label one of the fan blades 'A.' Describe the rotation to the positions of each of the other blades.



10. Draw each transformation on the grid. Start at the original each time.
- Translate 6 squares down and 4 squares left.
 - Reflect through a horizontal line.
 - Rotate counterclockwise 270 degrees.
 - Create your own transformation. Draw the image and describe the transformation.

