



COASTMETRO
ELEMENTARY MATH PROJECT

GRADE 5 PRACTICE QUESTIONS
**MEASUREMENT &
GEOMETRY**

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?

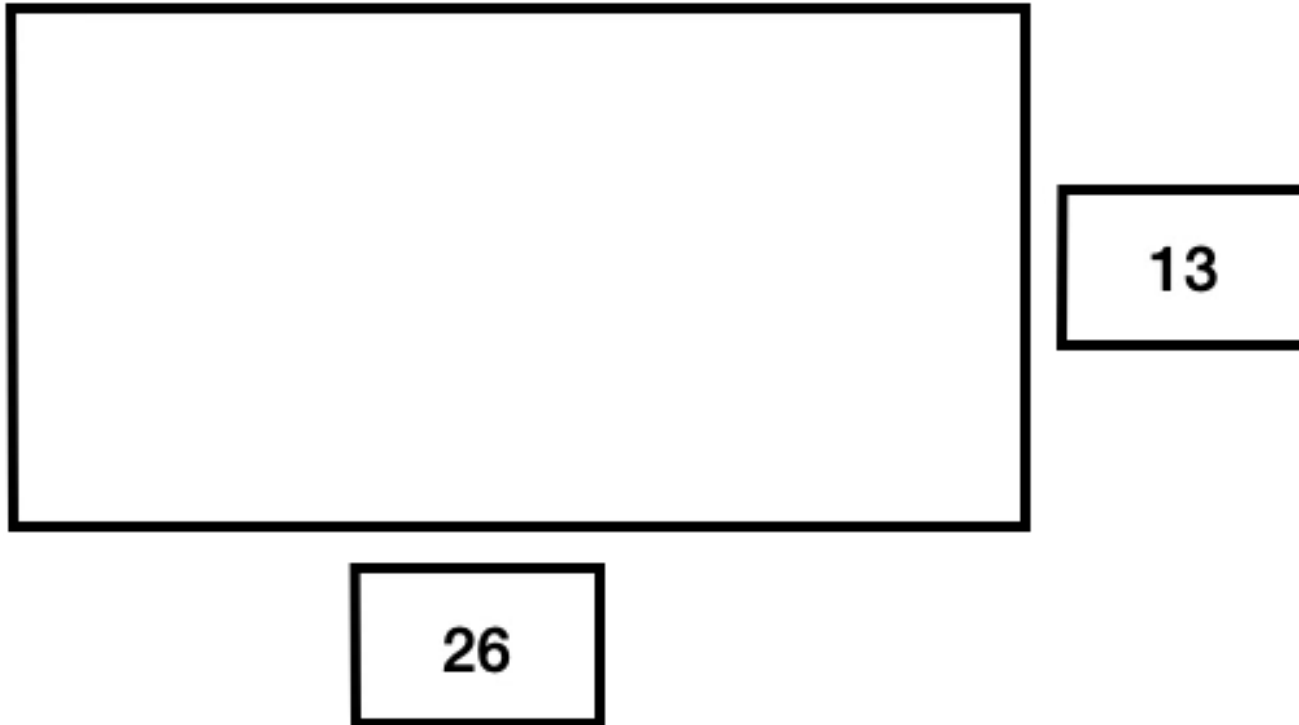
4. The area of a rectangle is 24 meters.
- Draw all possible rectangles with this area.
 - Calculate the perimeter of each rectangle.

5. Find the missing measurements.

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

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

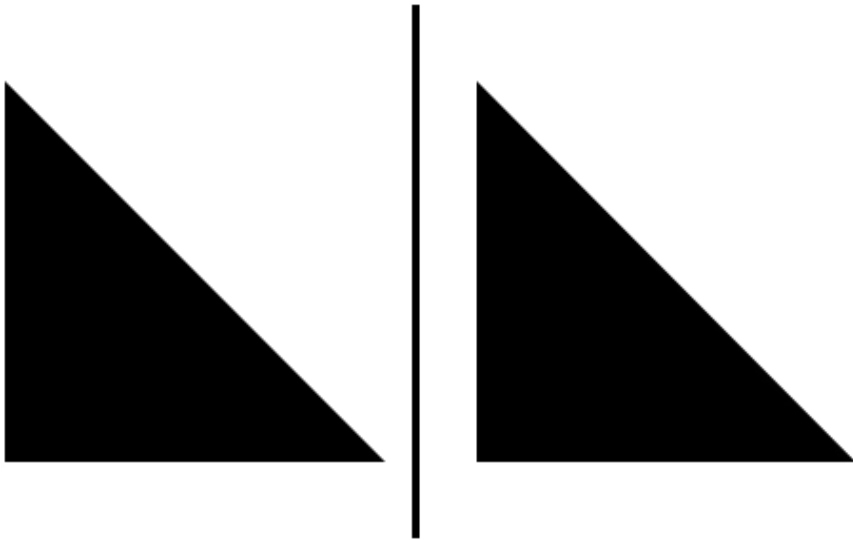
6. Find the area and the perimeter of the rectangle.



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.
- a. Translate 6 squares down and 4 squares left.
 - b. Reflect through a horizontal line.
 - c. Rotate counterclockwise 270 degrees.
 - d. Create your own transformation. Draw the image and describe the transformation.

