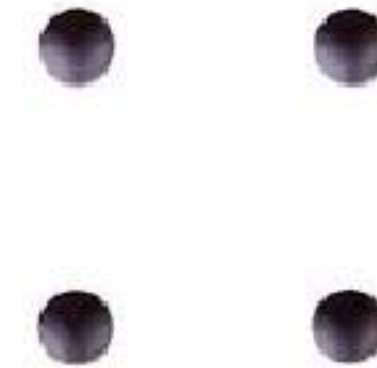
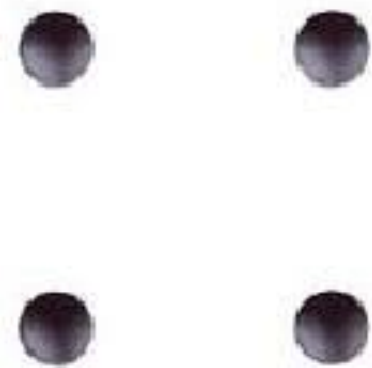
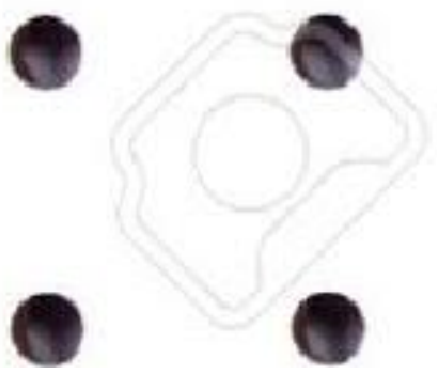
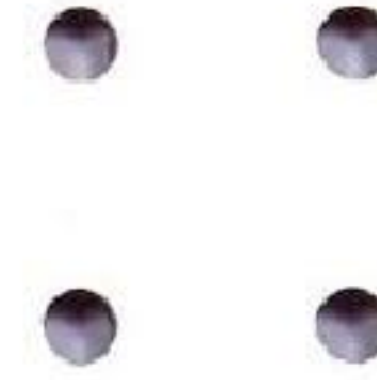
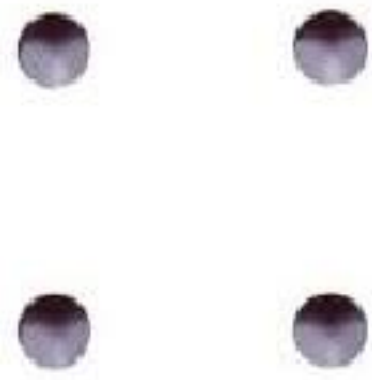


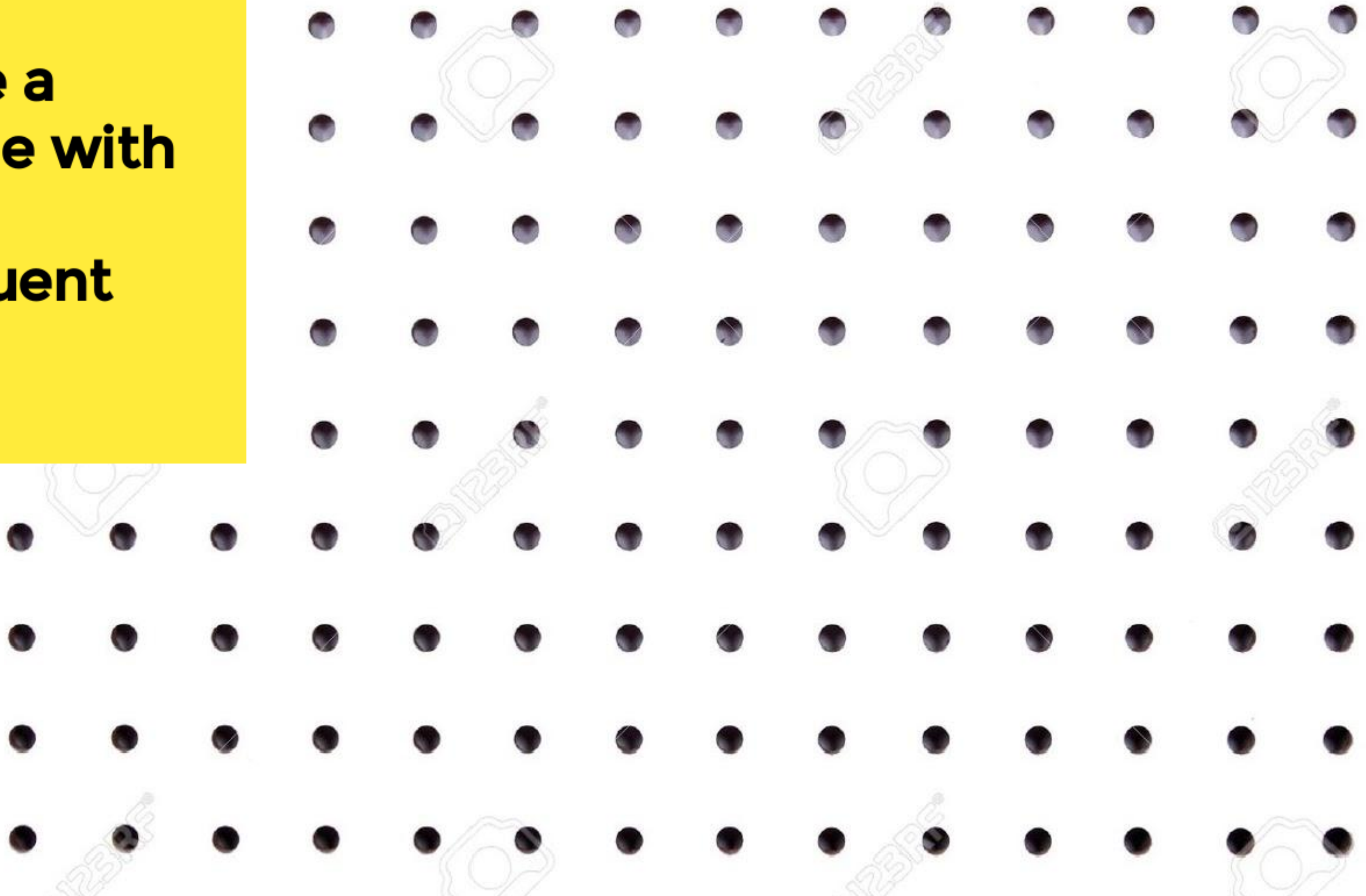
Use the pegboard to create the mystery shape. Use the highlight tool under the pen icon.

Use a sticky note to announce what the mystery shape is. Use your vocabulary cards, videos, and anchor charts.

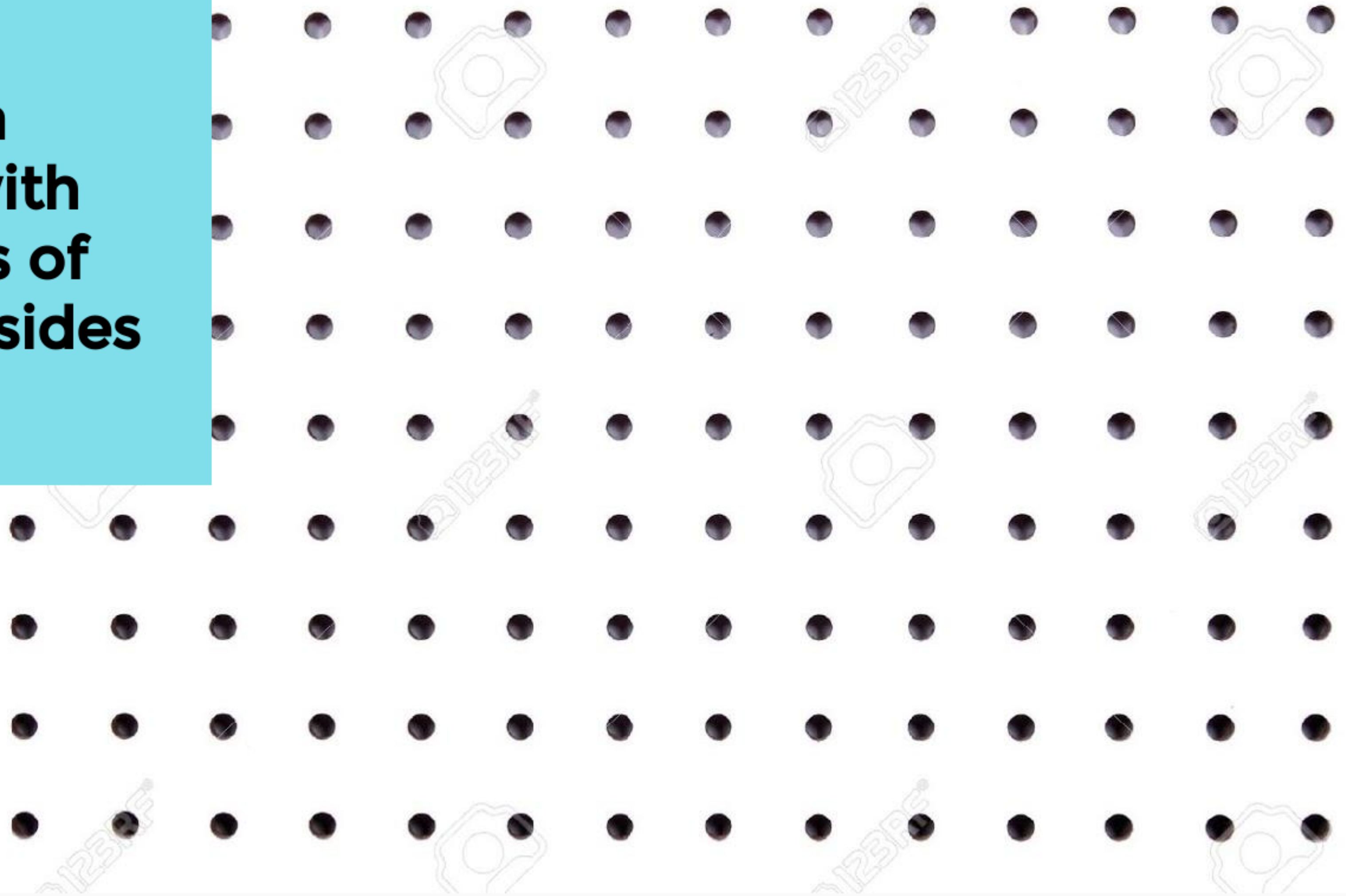
**Create a
polygon
with 6
sides**



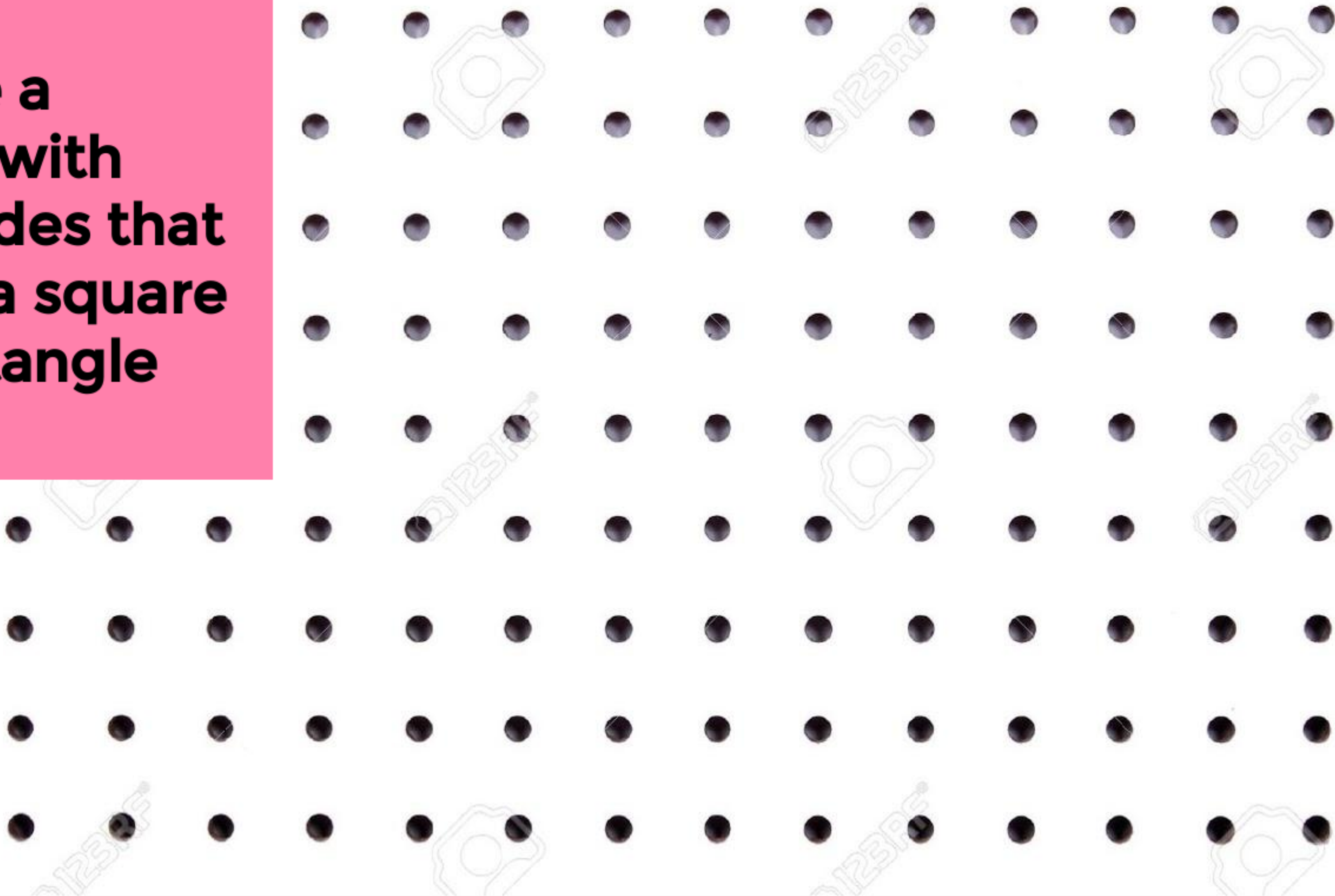
**Create a
triangle with
three
congruent
sides**



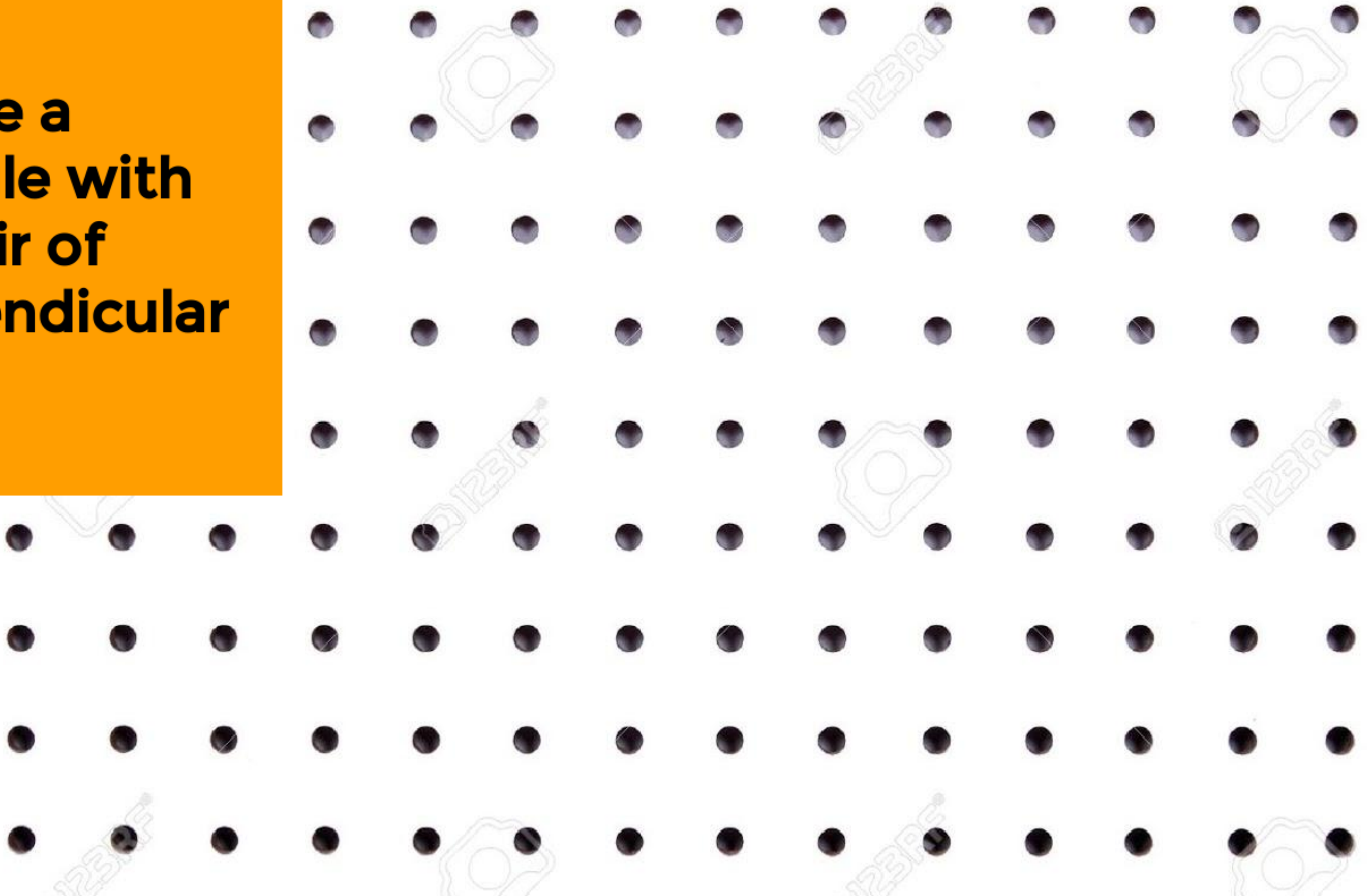
**Create a
figure with
two sets of
parallel sides**



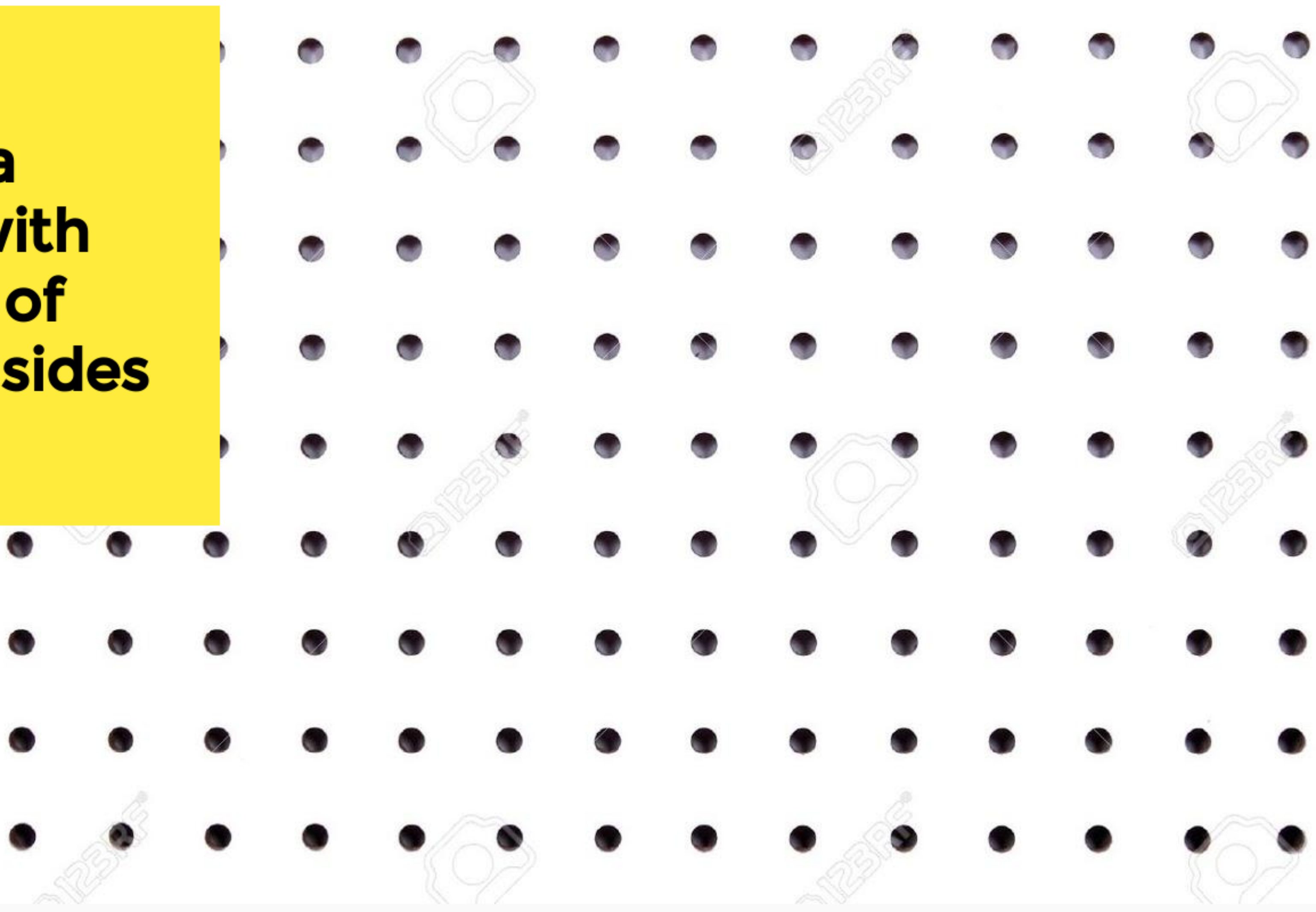
Create a figure with four sides that is not a square or rectangle



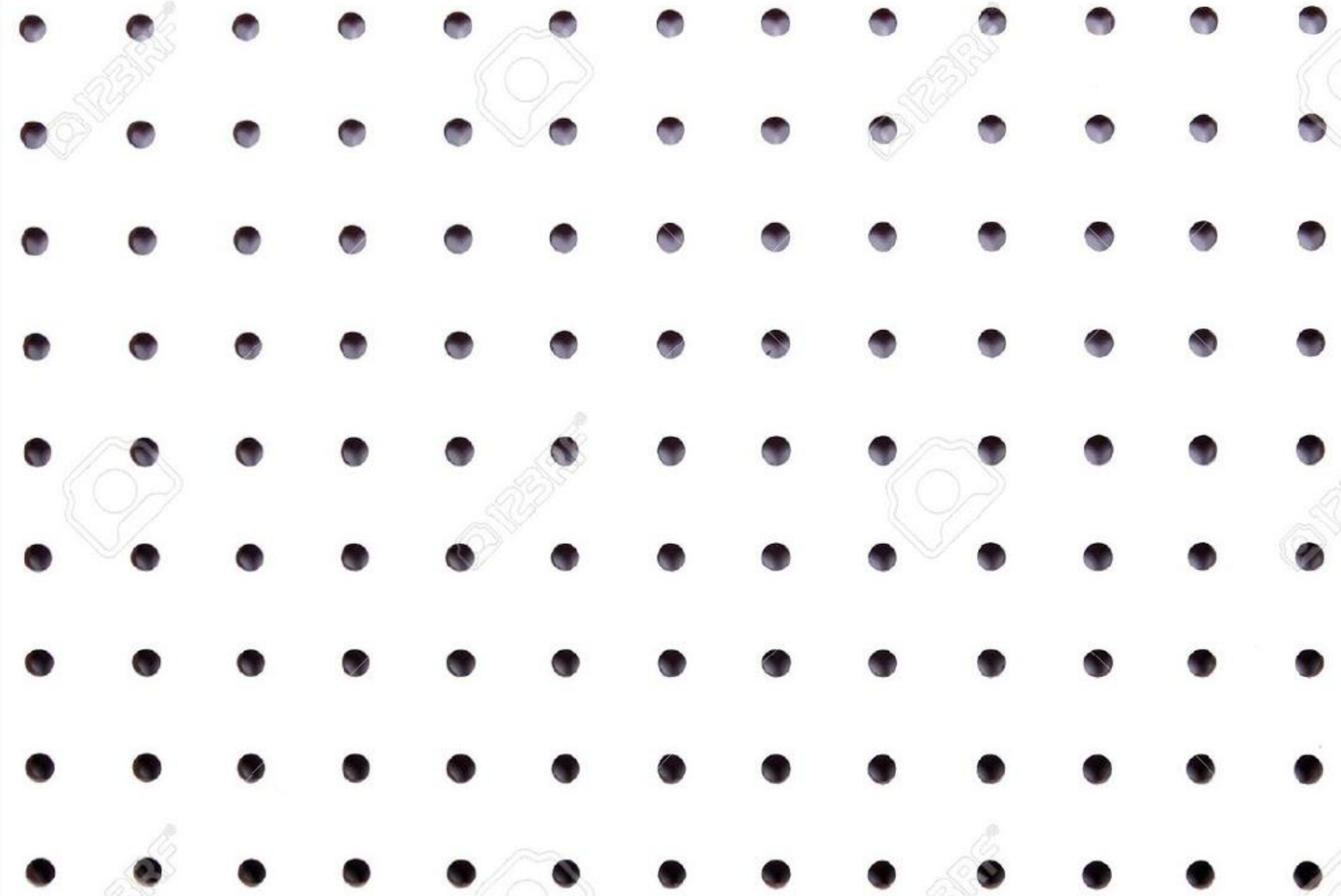
**Create a
triangle with
on pair of
perpendicular
sides**



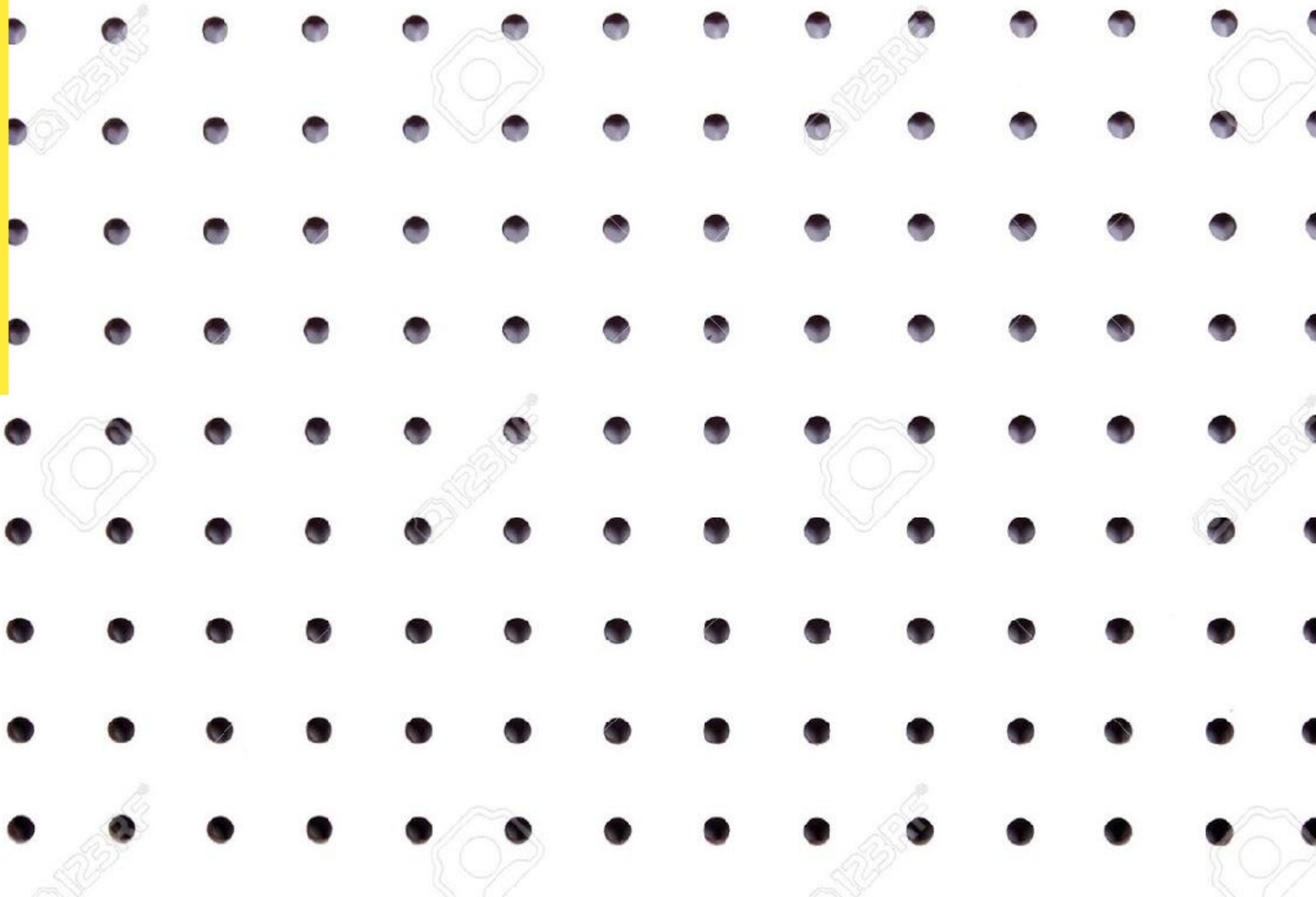
**Create a
figure with
one set of
parallel sides**



Create two squares with different side lengths




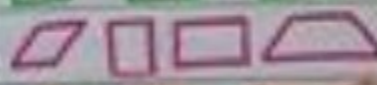
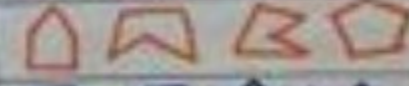
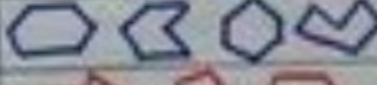
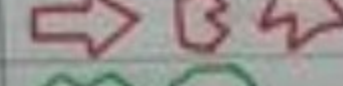
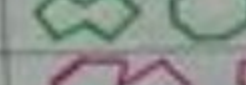

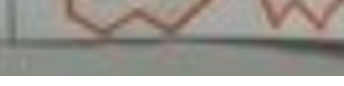
**Create
your own
riddle.**



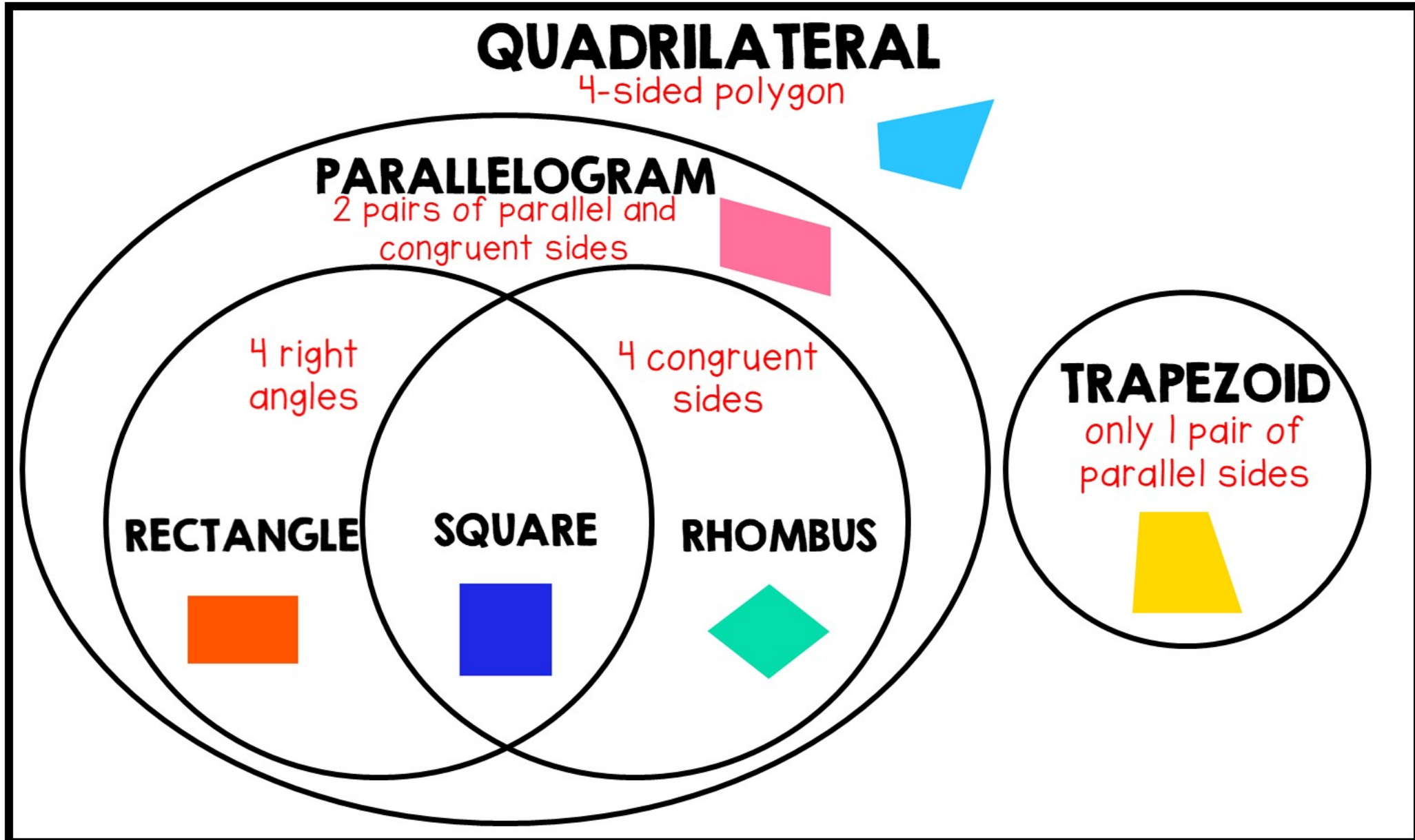
POLYGONS

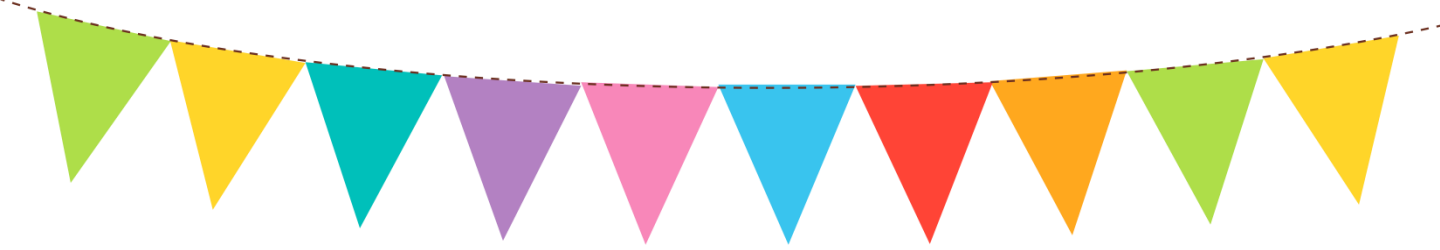
Flat,
2 dimensional

- All sides are straight
- Closed shape.
- No intersecting lines.
- No curves.

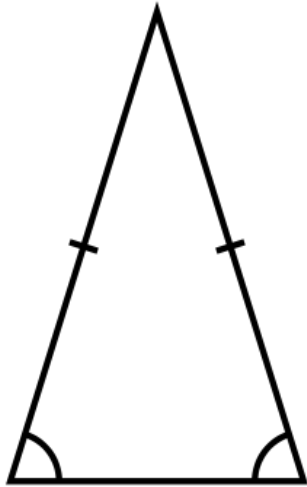
Prefix		name	shape
tri	3	triangle	
quad	4	quadrilateral	
penta	5	pentagon	
hexa	6	hexagon	
hepta	7	heptagon	
octa	8	octagon	
nona	9	nonagon	
deca	10	decagon	

CLASSIFICATION OF QUADRILATERALS

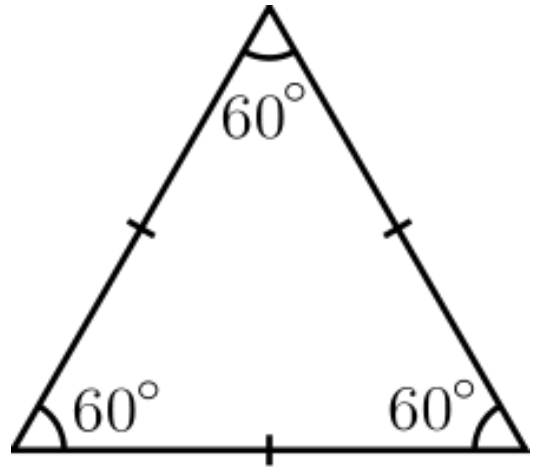




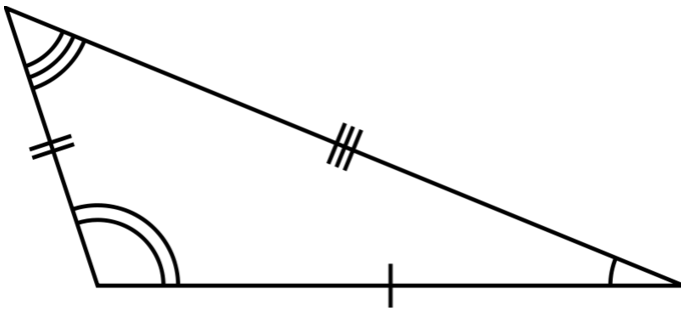
Types of Triangles



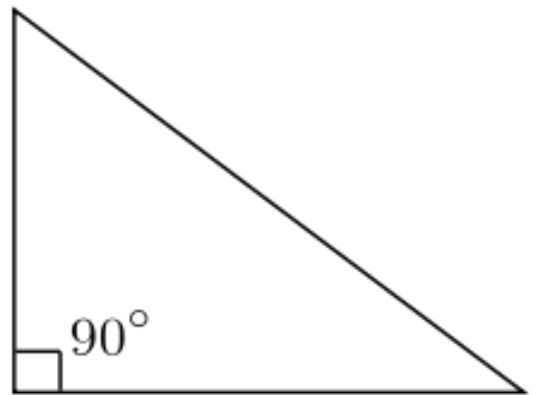
Isosceles triangles have 2 equal sides.



Equilateral triangles have 3 equal sides.



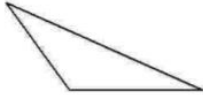
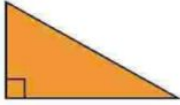







Scalene triangles have NO equal sides.



Right-Angle triangles have 1 right angle.

Use the vocabulary cards to complete the vocabulary diagram.
See completed example below.

<p>Isosceles Triangle</p>  <p>A triangle with two congruent (equal) sides</p>	<p>Equilateral Triangle</p>  <p>A triangle with three congruent (equal) sides</p>	<p>Scalene Triangle</p>  <p>A triangle with NO congruent sides.</p>	<p>Right Triangle</p>  <p>A triangle that has a Right (90 degree) angle.</p>
<p>Acute Triangle</p>  <p>A triangle with three acute (less than 90 degree) angles</p>	<p>Obtuse Triangle</p>  <p>A triangle with one obtuse (more than 90 degree) angle</p>	<p>Parallelogram</p>  <p>Any quadrilateral that has opposite parallel sides.</p>	<p>Rhombus</p>  <p>Any parallelogram with all congruent (equal) sides.</p>

Your Definition		Drawing	
A closed figure made up of line segments and all straight lines			
Word			
Polygon			
Quadrilateral		circle	
Synonyms		Antonyms	
Example		A square is an example of a polygon.	
Not and example		A circle is not an example of a polygon	

Example:

Your Definition	Drawing
Word	
Synonyms	Antonyms
Example	
Not and example	

Your Definition	Drawing
Word	
Synonyms	Antonyms
Example	
Not and example	

Your Definition	Drawing
Word	
Synonyms	Antonyms
Example	
Not and example	

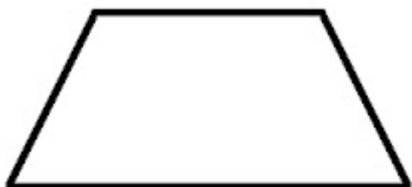
Polygon Classification

Use the videos and anchor charts to help you correctly complete each sentence.

* Required

1. A trapezoid is a parallelogram *

1 point



Mark only one oval.

- Always
- Sometimes
- Never

2. A rhombus is a square *

1 point

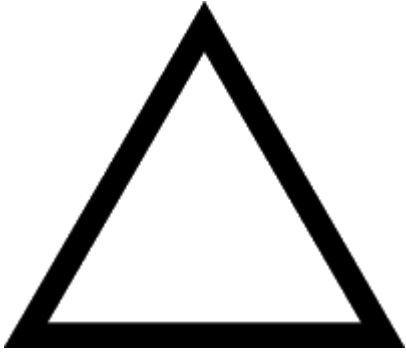


Mark only one oval.

- Always
- Sometimes
- Never

3. A triangle is a parallelogram

1 point



Mark only one oval.

- Always
- Sometimes
- Never

4. A square is a parallelogram *

1 point

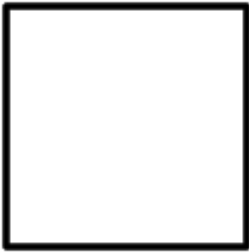


Mark only one oval.

- Always
- Sometimes
- Never

5. A square is a rhombus *

1 point

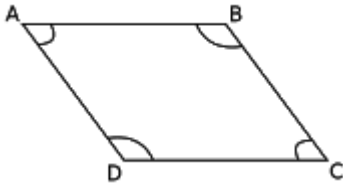


Mark only one oval.

- Always
- Sometimes
- Never

6. A parallelogram is a rectangle *

1 point

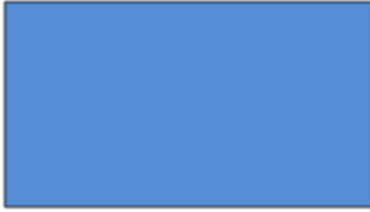


Mark only one oval.

- Always
- Sometimes
- Never

7. A rectangle is a square *

1 point



Mark only one oval.

- Always
- Sometimes
- Never

8. A trapezoid is a quadrilateral *

1 point

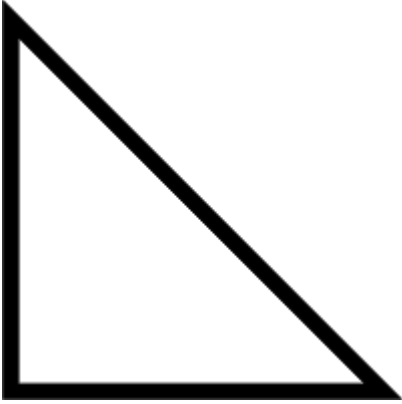


Mark only one oval.

- Always
- Sometimes
- Never

9. A triangle has three equal sides *

1 point

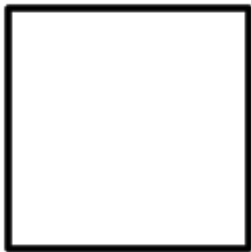


Mark only one oval.

- Always
- Sometimes
- Never

10. A square is a trapezoid *

1 point



Mark only one oval.

- Always
- Sometimes
- Never

11. A trapezoid is a rectangle *

1 point



Mark only one oval.

- Always
- Sometimes
- Never

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Google Forms

How to show your answers?

Use the toolbar and select

Insert

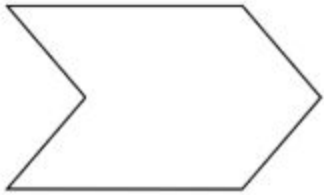
Line

Scribble

Draw the circle around the answer.

Check your answers on the last page.

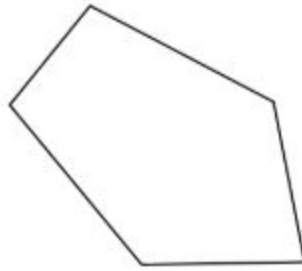
1.



quadrilateral
triangle
octagon

hexagon
pentagon
decagon

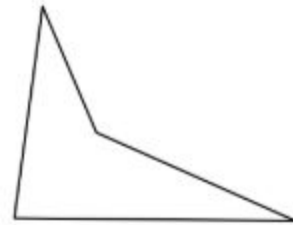
2.



quadrilateral
triangle
octagon

hexagon
pentagon
decagon

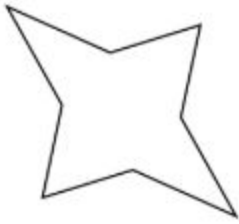
3.



quadrilateral
triangle
octagon

hexagon
pentagon
decagon

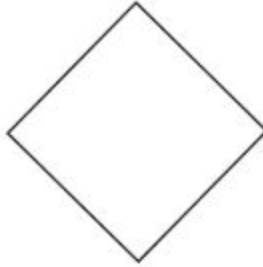
4.



quadrilateral
triangle
octagon

hexagon
pentagon
decagon

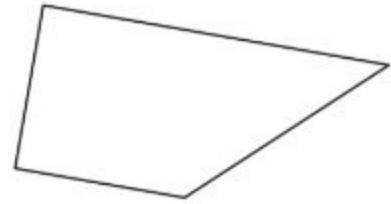
5.



quadrilateral
rectangle
rhombus

trapezoid
square
parallelogram

6.



quadrilateral
rectangle
rhombus

trapezoid
square
parallelogram

7.



quadrilateral
rectangle
rhombus

trapezoid
square
parallelogram

8.



quadrilateral
rectangle
rhombus

trapezoid
square
parallelogram

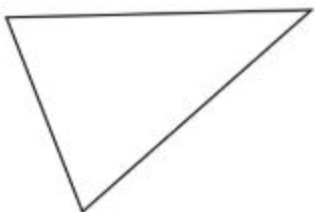
9.



quadrilateral
rectangle
rhombus

trapezoid
square
parallelogram

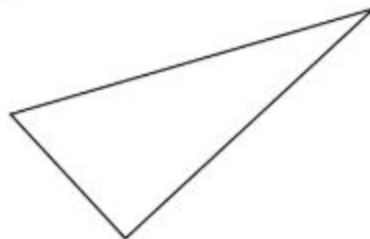
10.



equilateral
scalene
isosceles

acute triangle
obtuse triangle
right triangle

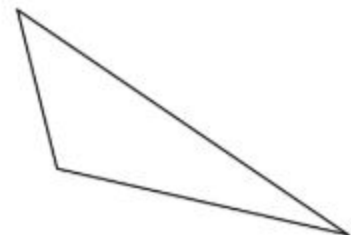
11.



equilateral
scalene
isosceles

acute triangle
obtuse triangle
right triangle

12.



equilateral
scalene
isosceles

acute triangle
obtuse triangle
right triangle

Name _____

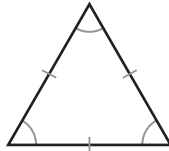
Triangles

You can classify triangles by the length of their sides and by the measure of their angles. **Classify each triangle.**

Use a ruler to measure the side lengths.

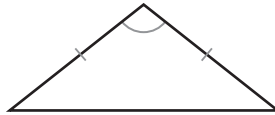
- **equilateral triangle**

All sides are the same length.



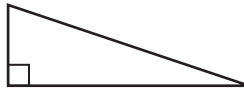
- **isosceles triangle**

Two sides are the same length.



- **scalene triangle**

All sides are different lengths.



Use the corner of a sheet of paper to classify the angles.

- **acute triangle**

All three angles are acute.

- **obtuse triangle**

One angle is obtuse. The other two angles are acute.

- **right triangle**

One angle is right. The other two angles are acute.

Classify the triangle according to its side lengths.

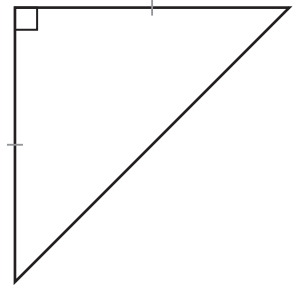
It has two congruent sides.

The triangle is an isosceles triangle.

Classify the triangle according to its angle measures.

It has one right angle.

The triangle is a right triangle.



Classify each triangle. Write *isosceles*, *scalene*, or *equilateral*.

Then write *acute*, *obtuse*, or *right*.

