

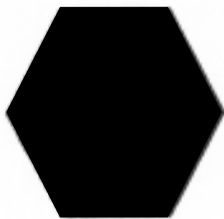
1.



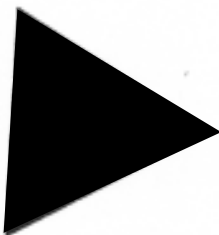
Find two shapes with only 5 straight sides.

Draw a circle around them.

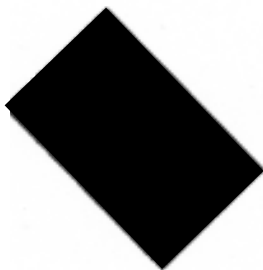
2. Match each shape to its name.



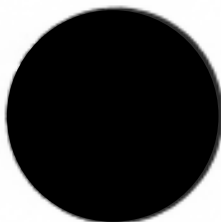
pentagon



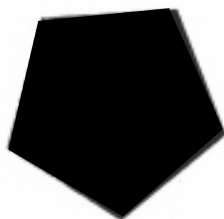
hexagon



circle



triangle

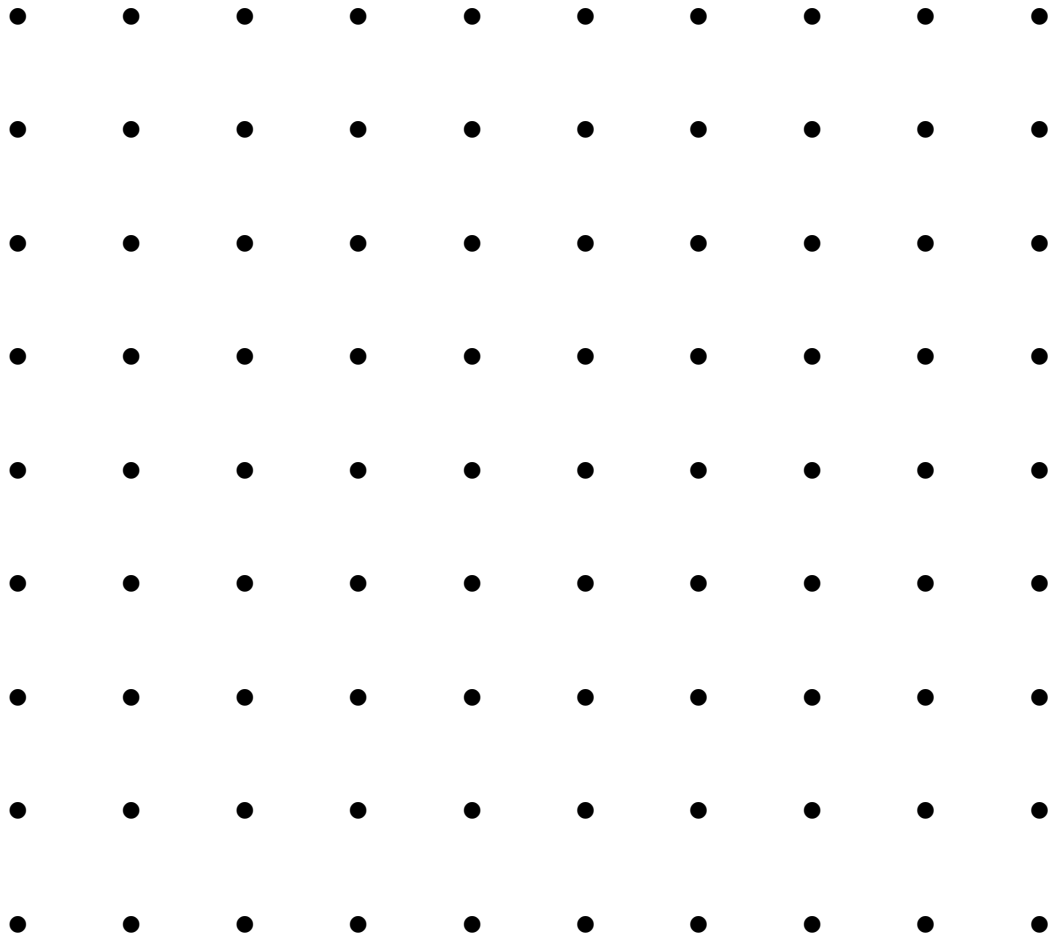


rectangle

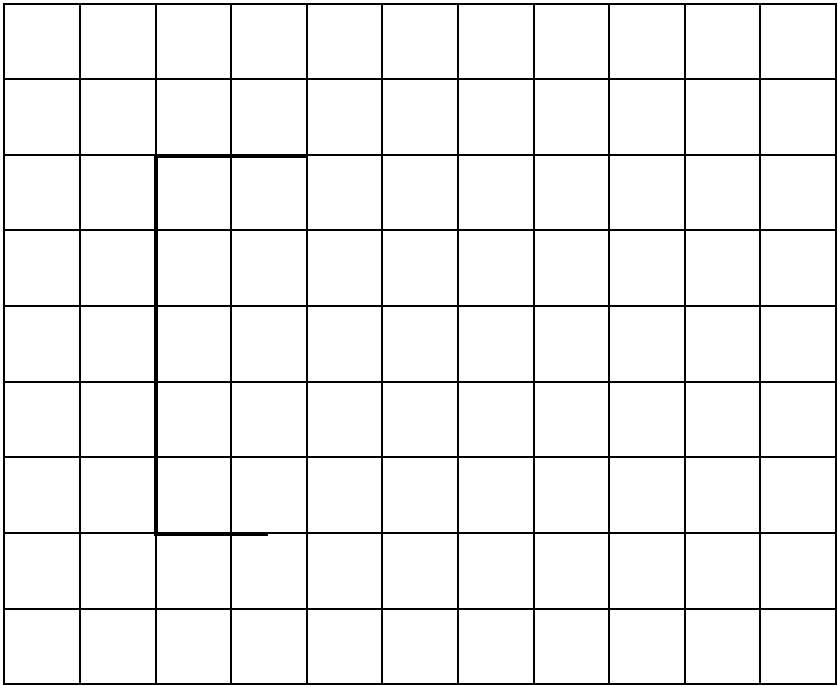


3. Join dots to draw **two** rectangles.

Make each rectangle a different size.



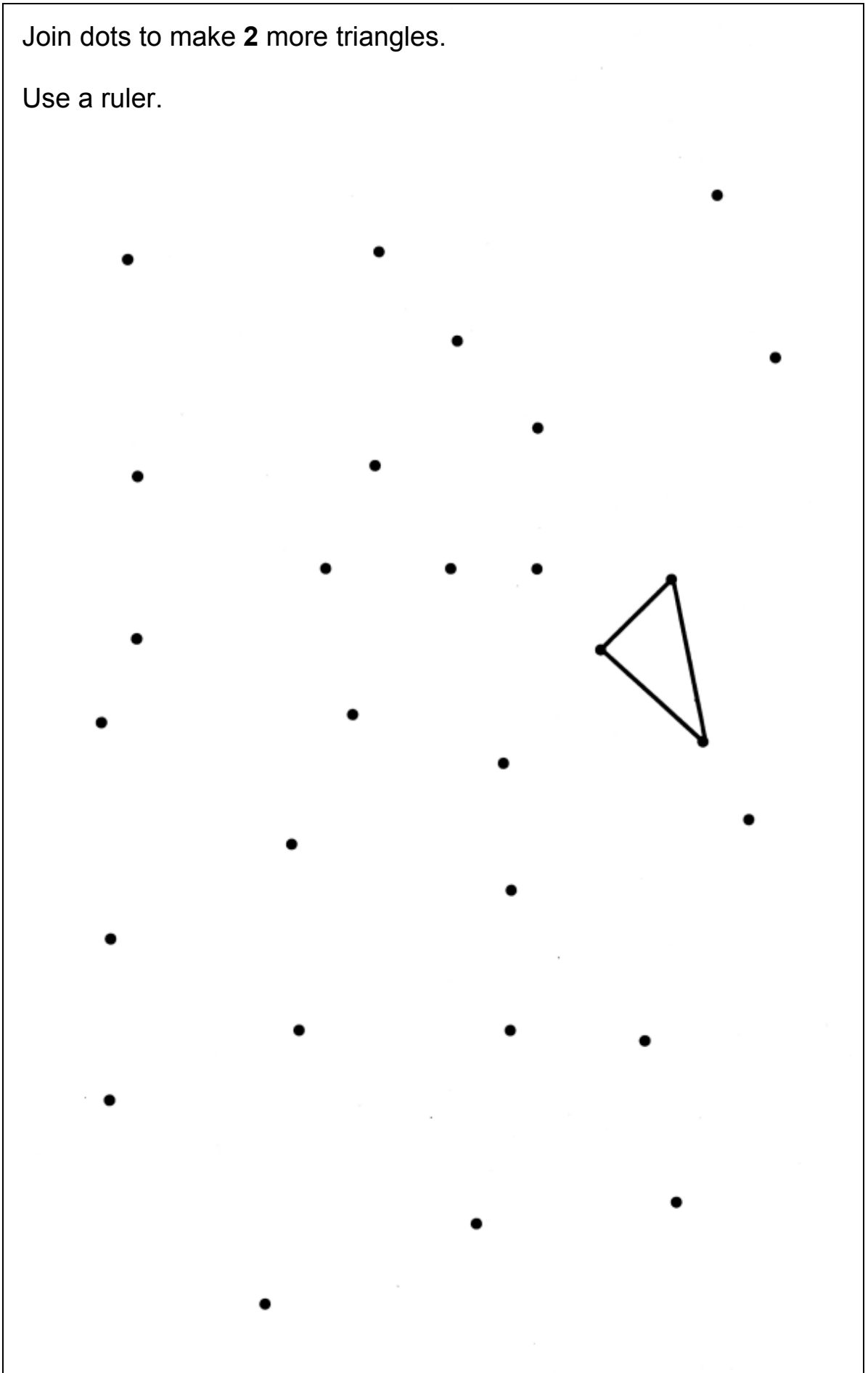
4. Complete this shape so that it makes a square.



5.

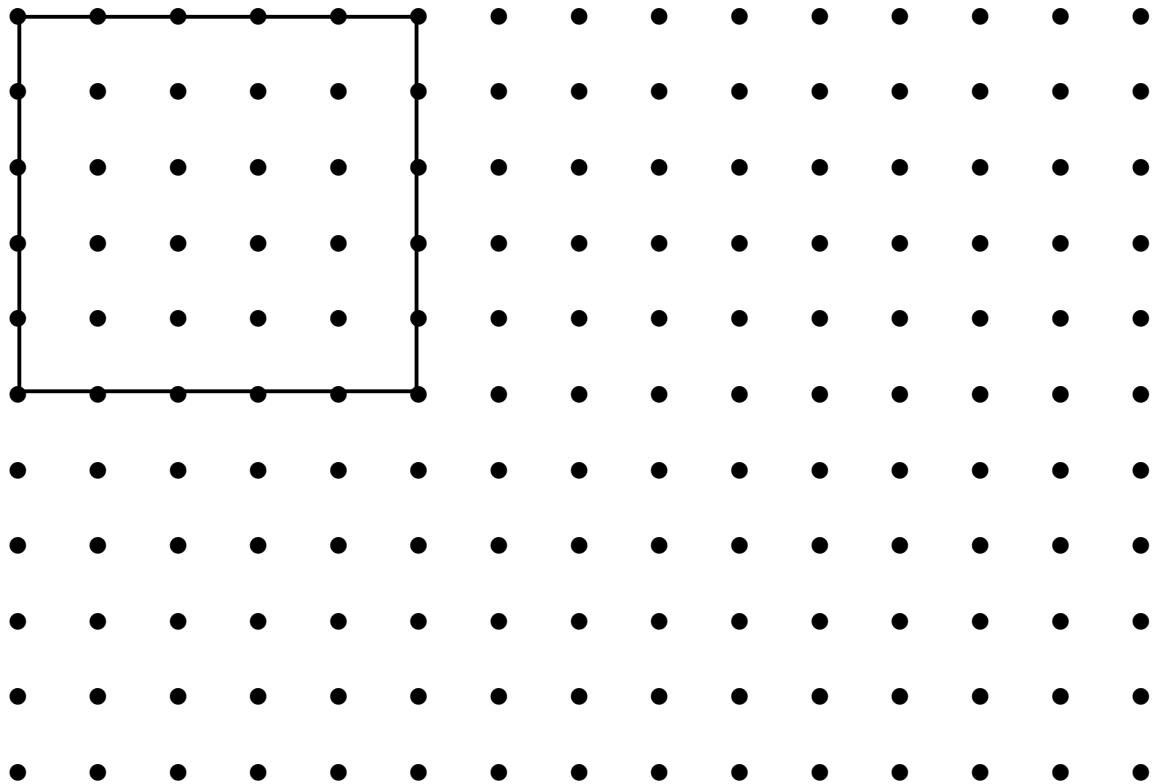
Join dots to make **2** more triangles.

Use a ruler.

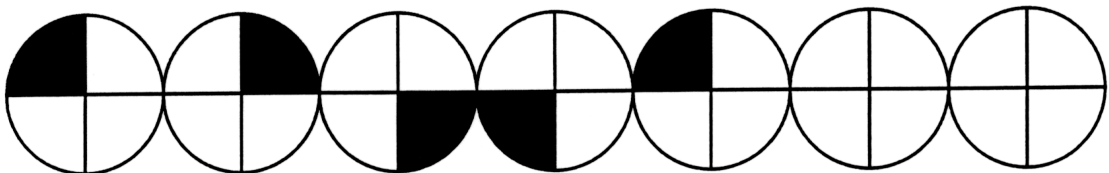


6. Use the dots to draw a square **smaller** than this one.



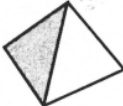
You may use a ruler.



7. Continue the pattern in the next two circles.

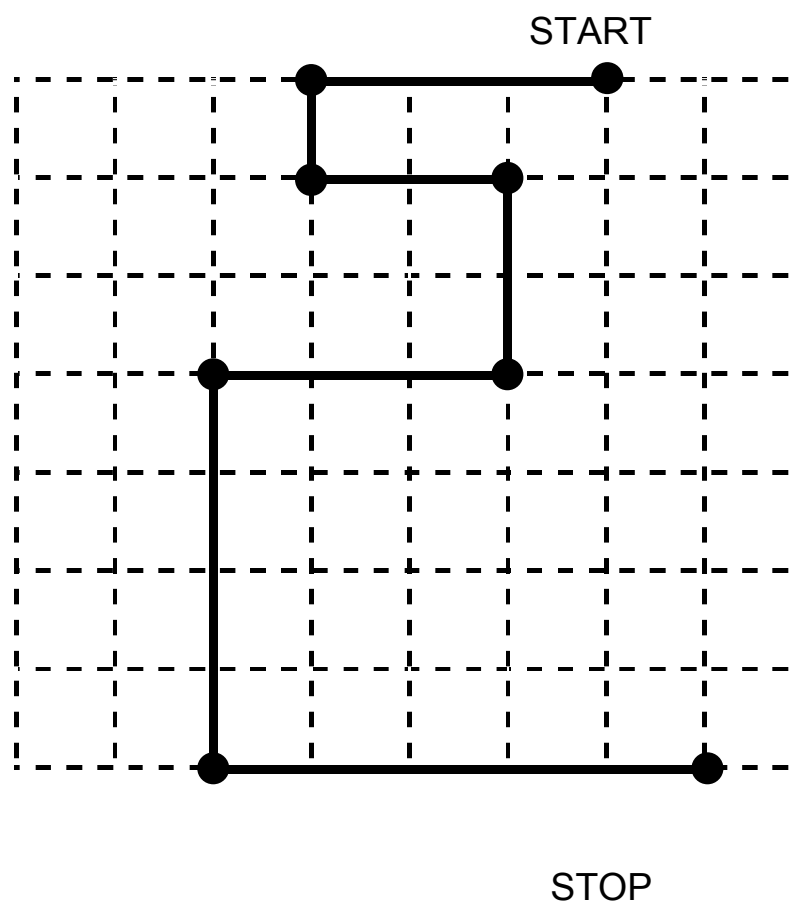


8. Write the missing numbers in the **2** empty boxes.

	number of <b>square</b> faces	number of <b>triangular</b> faces	number of <b>circular</b> faces
cylinder 	0	0	
cube 		0	0
pyramid 	1	4	0



Alan slid his finger along this route from **START** to **STOP**.



He started writing how his finger moved.

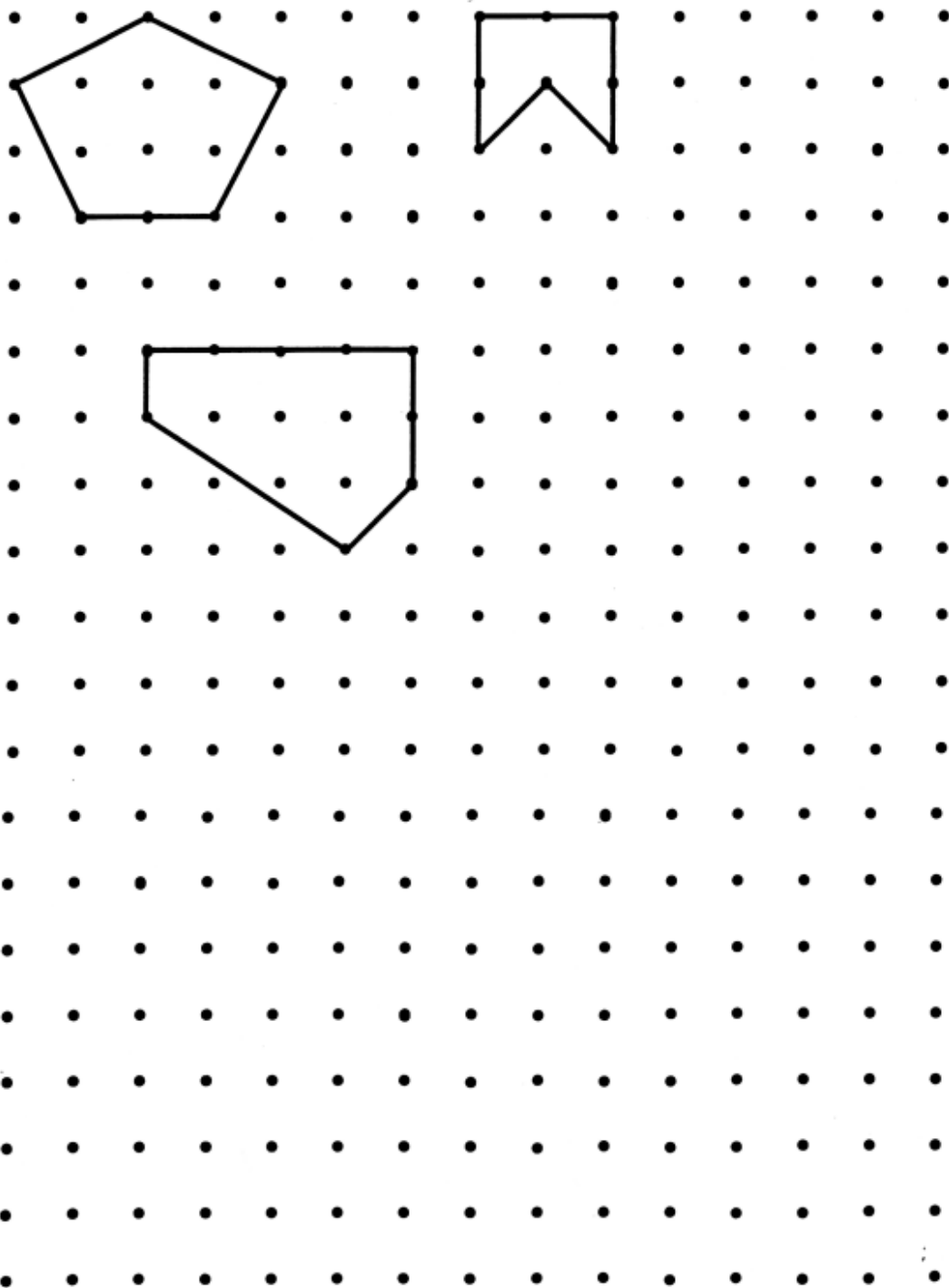
9. Complete the moves.

left 3  
down 1  
right 2  
down 2  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10.

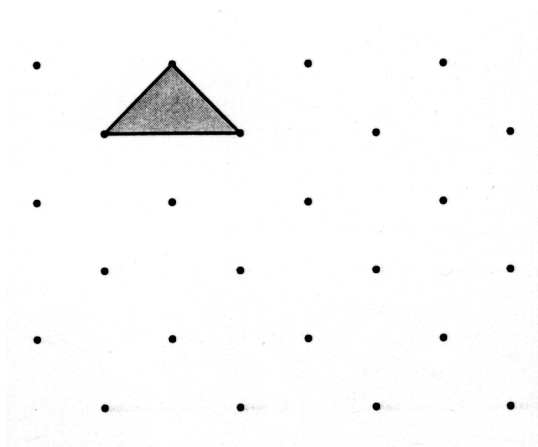
Use the dots to draw a **different** pentagon.

Use a ruler.

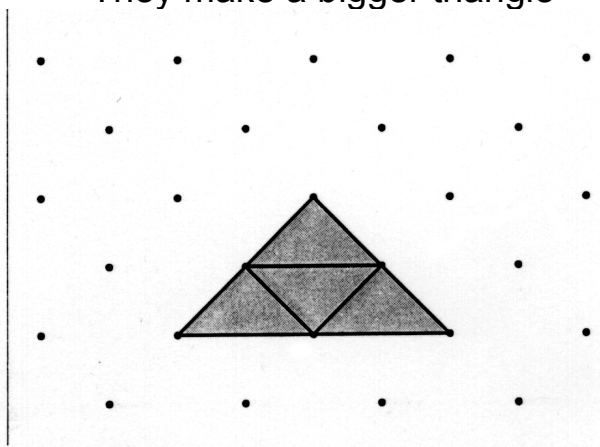


11. Here is one triangle.

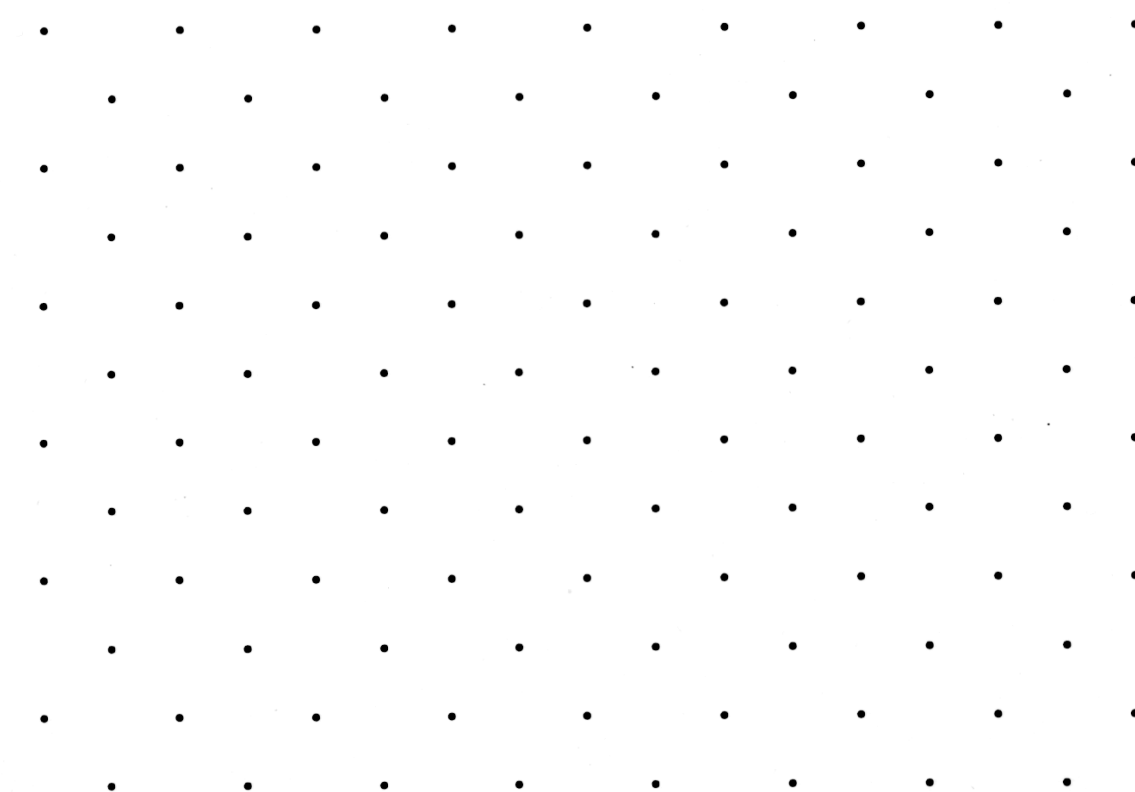
Here is one triangle



Here are 4 small triangles  
They make a bigger triangle



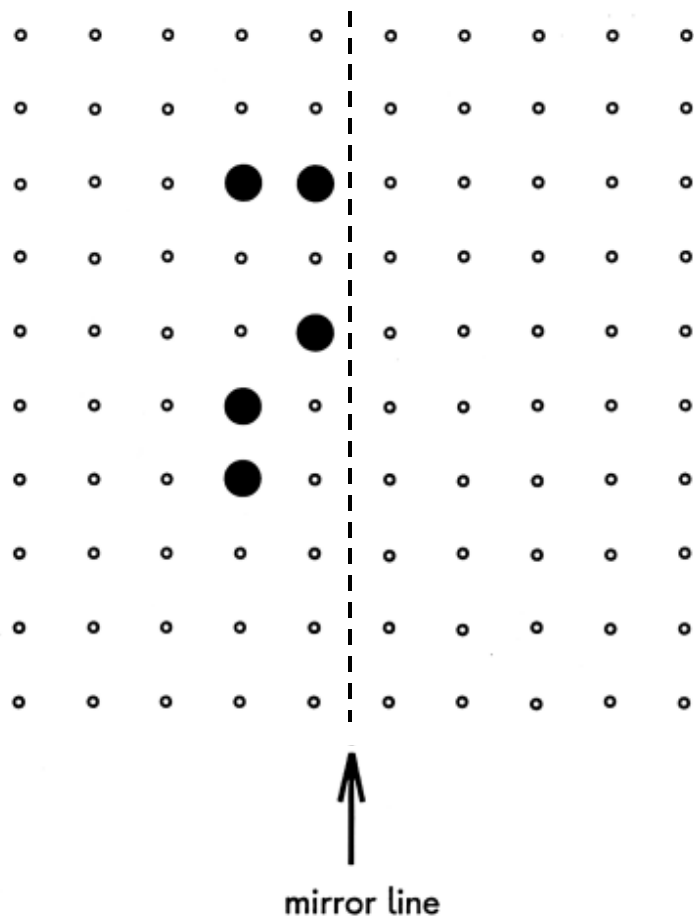
Use 9 of the small triangles to make a bigger triangle.



12.

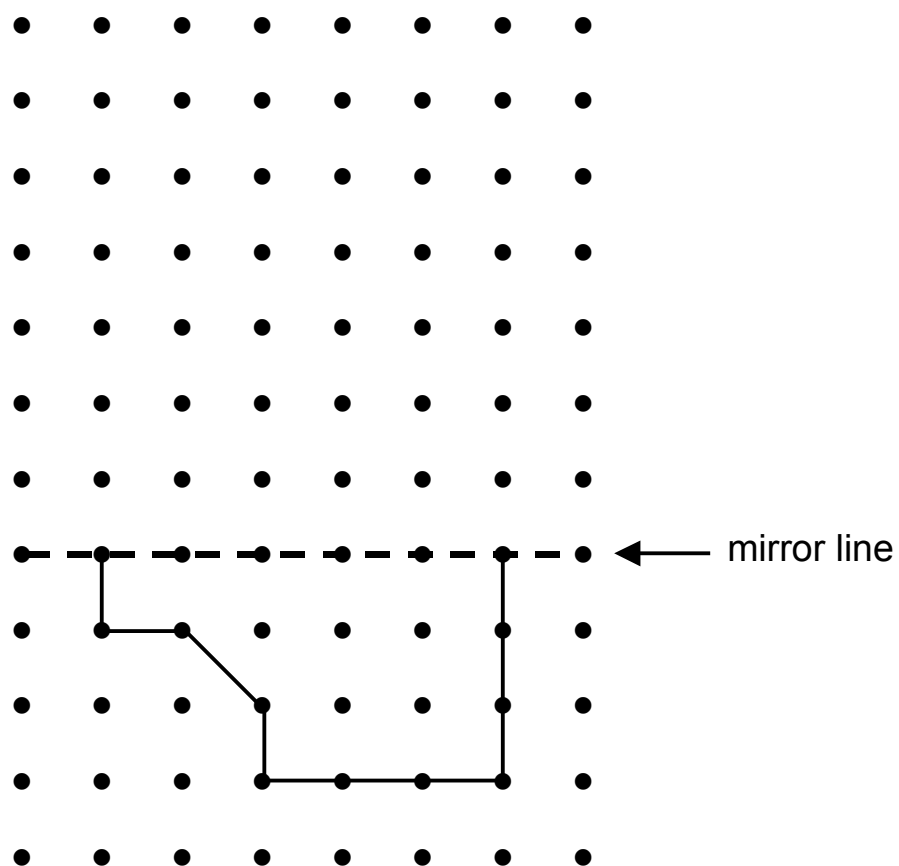
Draw the reflection of the shape in the mirror line.

You may use a mirror.



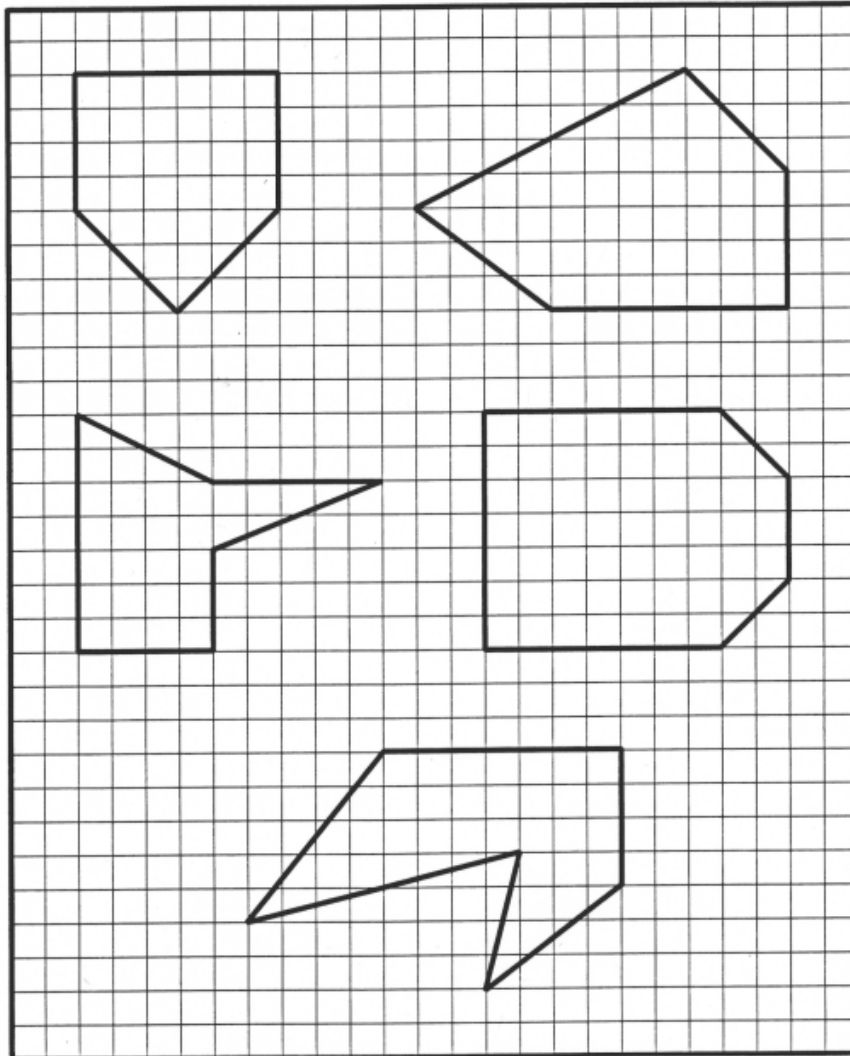
13. Draw the reflection of the shape in the mirror line.

You may use a mirror.

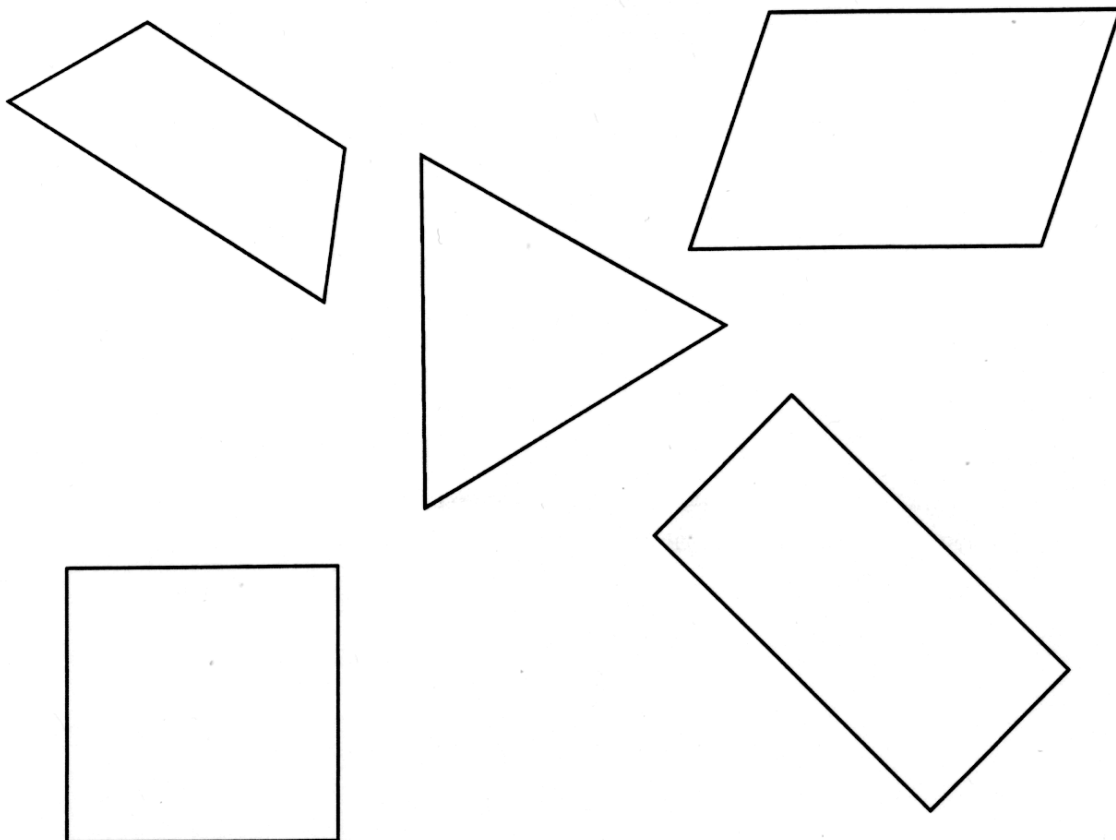


Two of the shapes are hexagons and have two right angles.

14. Put a tick (✓) on each of the two shapes.



15.

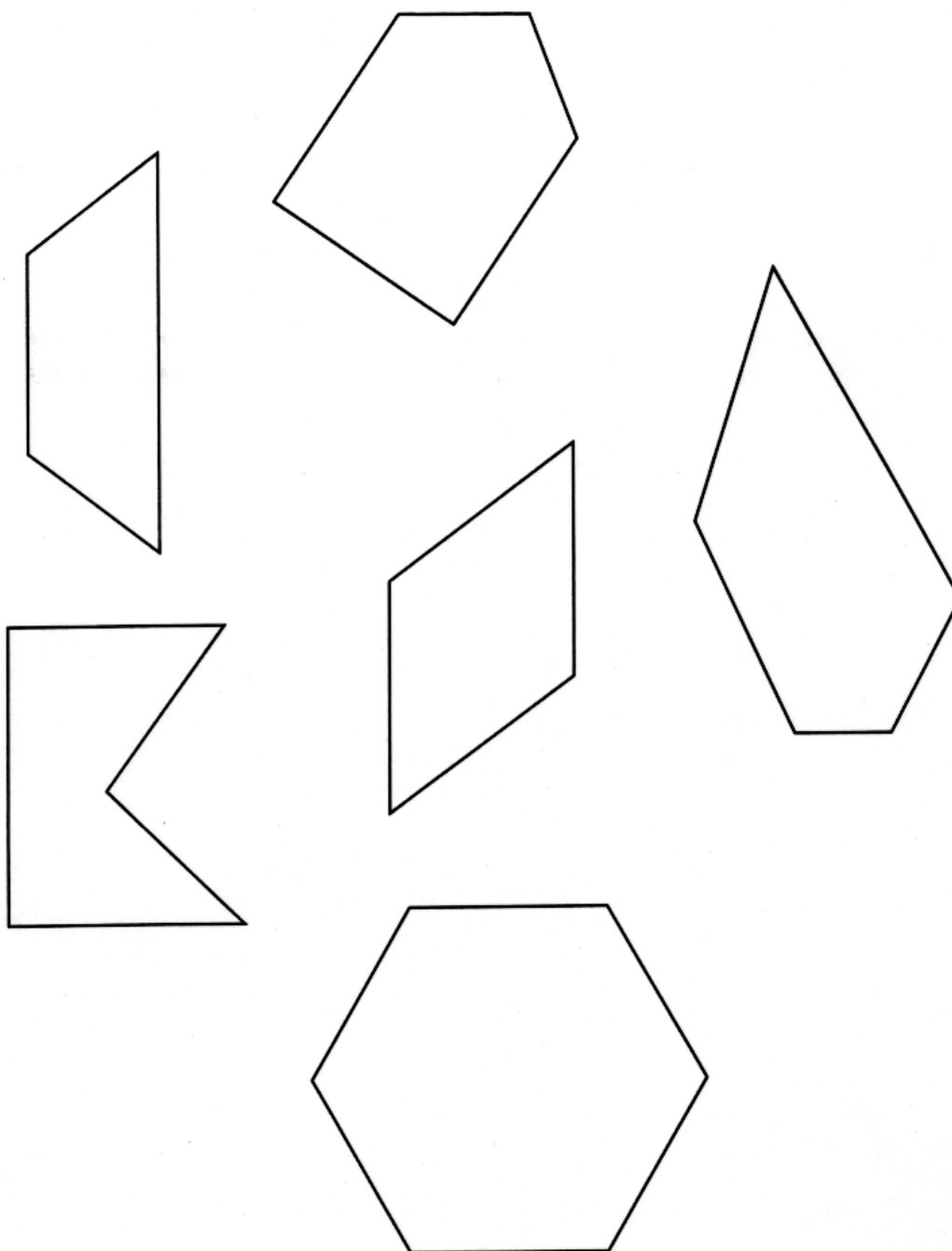


One of these shapes has no reflective symmetry.  
Put a **X** on it.

You may use a mirror.

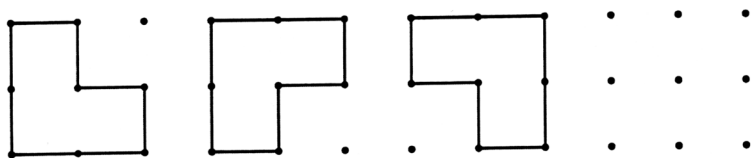
16. Two of these shapes have right angles.

Put a ✓ on these **two** shapes.





17. Draw the next shape in this pattern of quarter turns.



18. Draw how this triangle will look after a half turn.

