







Let's Be Math Explorers

Math is all around us!

Spend some time with your child exploring SHAPES around your home or neighborhood.

Let's see if we can find...	Write a few words about the SHAPES you and your child explored together.
<p>circles  rectangles </p> <p>squares  ovals </p> <p>triangles </p>	<p>What objects did you find and what shapes were they?</p>
<p>things that are made of more than one shape.</p>  <p>Example</p> <p><i>The top of our shed is a triangle and the bottom is a rectangle. Each door is a rectangle and the two doors together make a square.</i></p>	<p>What is one thing that you found that is made of more than one shape? What are those shapes? Draw a picture or explain with words.</p>

Did you and your child enjoy the activities on this page? Circle one:






Let's Talk About SPACE & PLACE

SPACE & PLACE have to do with where things are (near or far? left or right?) and how to get from one place to another (what is the best route to school?).

Spend 5-10 minutes telling your child about how you use SPACE & PLACE at home or at work.

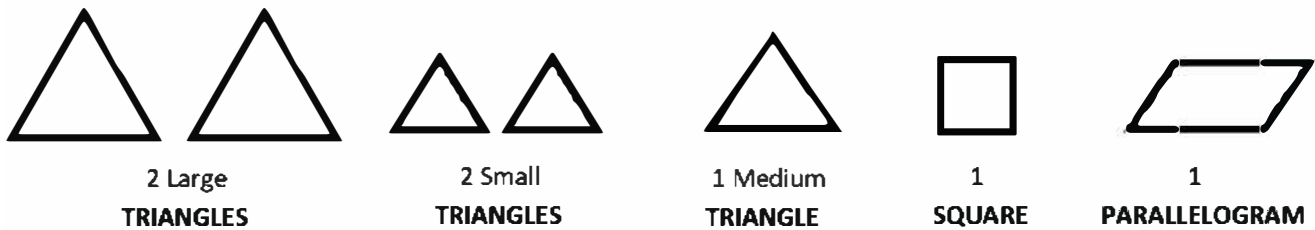
I'll tell you about a time when I (the grown up)...	Write a few words to log the examples you shared with your child.
<p>helped you find something you were looking for using PLACE words such as left, near, under, etc.</p>  <p>Example Your folder is <i>INSIDE</i> your backpack, which is hanging <i>ON</i> a hook <i>BEHIND</i> the door.</p>	<p>What object was your child looking for and what PLACE words (such as left, near, under, etc.) did you use to help find the object?</p>
<p>rearranged objects so they could fit better together in a room, on a shelf, in a drawer, basket, trunk of the car, etc.</p> <p>Example I turned the couch so it is against the longer wall in the living room—this way there is room for a side table next to the couch.</p>	<p>What were the objects and how did you move them to make them all fit together?</p>

Did you and your child enjoy the activities on this page? Circle one:

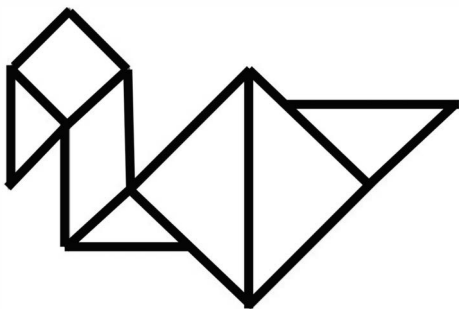


Tangram Puzzles

A **TANGRAM** is a special puzzle made of the 7 shapes below. They can be arranged to make animals, objects, and more. Tangrams are a fun way to explore shapes.



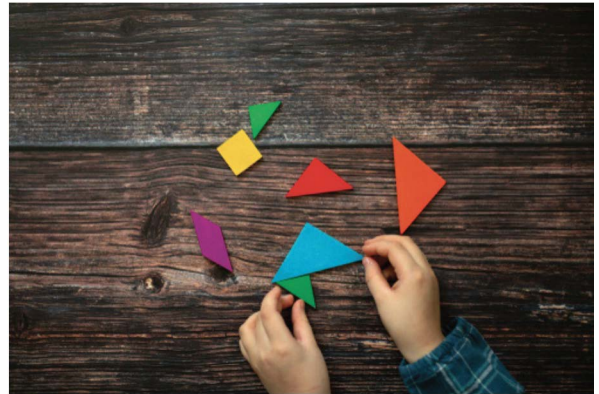
Each puzzle has an easy and hard version. Choose one to do or do them both!



CONVERSATIONS ABOUT MATH grow children's math skills. As your child does the puzzles, talk about the shapes and how they fit. Each puzzle comes with a **TALK TIP** to support learning. Try to come up with some talk tips of your own!

After You Have Done All the Tangram Puzzles...

1. Complete the puzzles again, but this time, without placing tangrams in the paper outlines. This is a good challenge!



2. Try making these puzzles:



House



Heart



Boat



Kangaroo

3. Create your own puzzles! You can find more ideas online.

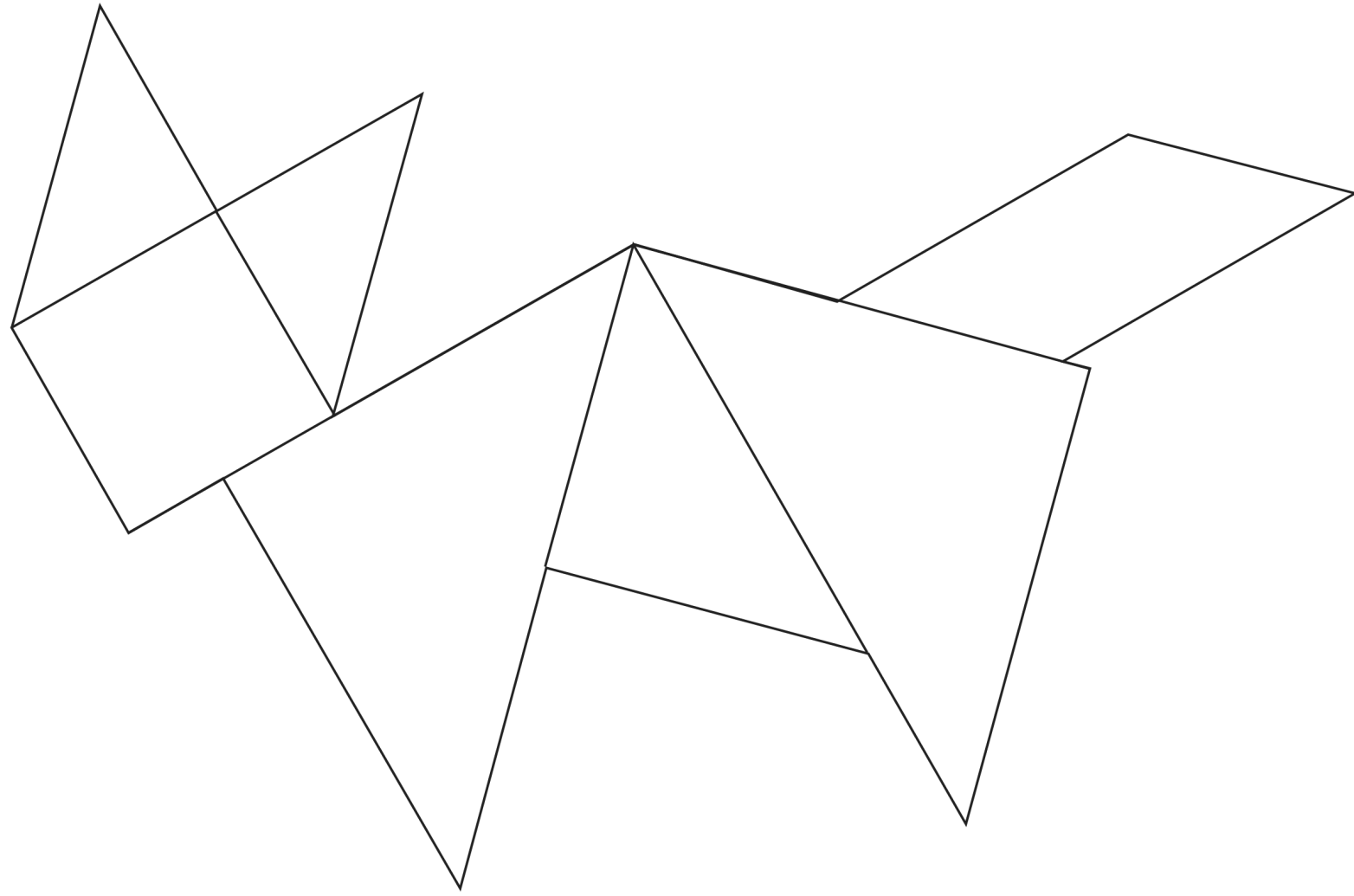
Use the blocks to put together the CAT.

Usa las piezas para armar el GATO.

TALK TIP

Are the cat's ears
the same size?
What shape are
they?

¿Son las orejas del
gato del mismo
tamaño? ¿Qué
forma tienen?



CAT

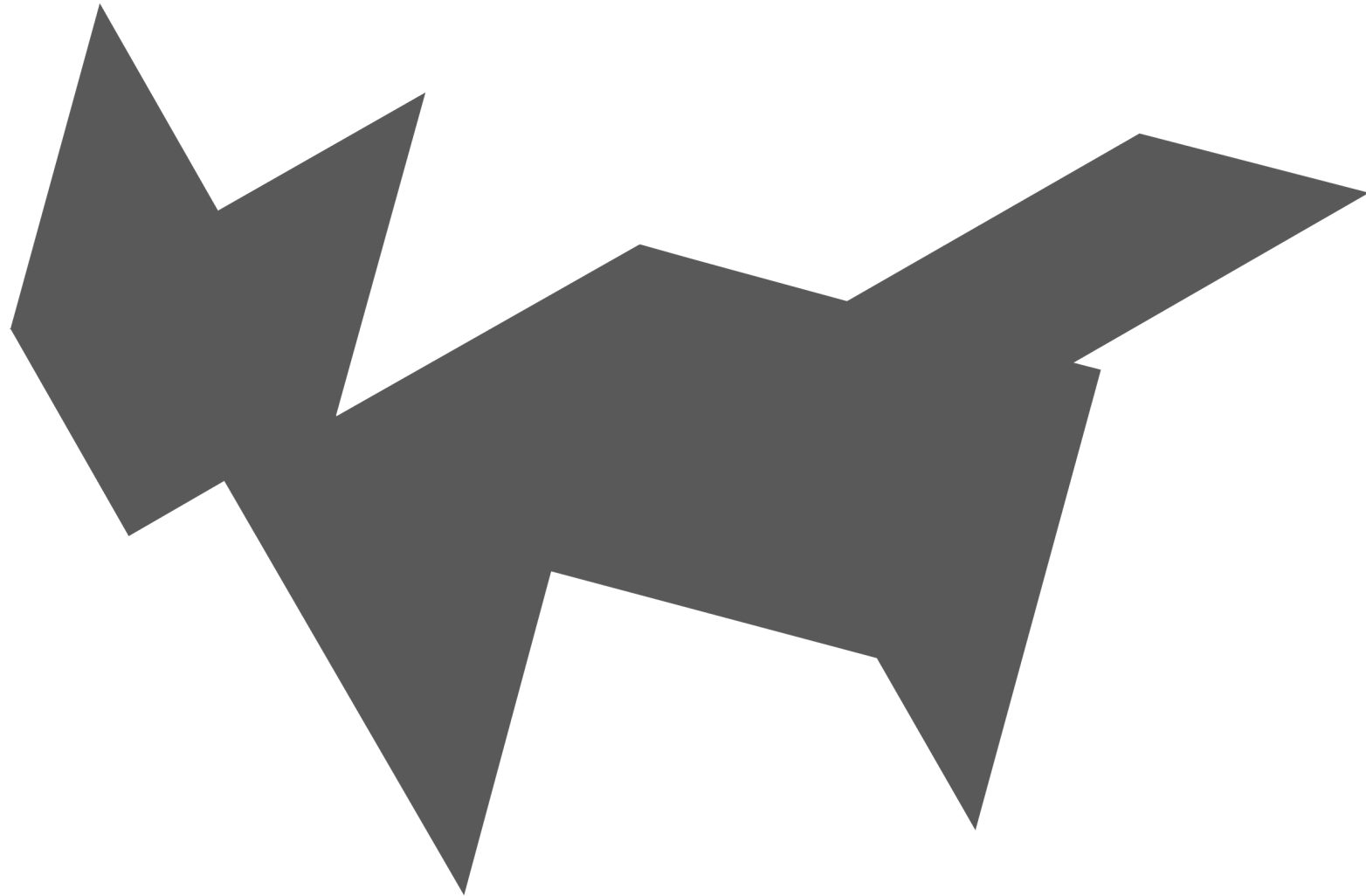
Use the blocks to put together the CAT.

Usa las piezas para armar el GATO.

TALK TIP

Which shape is the cat's tail? How many sides does it have?

¿De qué forma es la cola del gato?
¿Cuántos lados tiene?



CAT

Use the blocks to put together the CHICKEN.

Usa las piezas para armar la GALLINA.

TALK TIP

What shape and size are the chicken's feet?

¿Qué forma y tamaño tienen las patas de la gallina?



CHICKEN

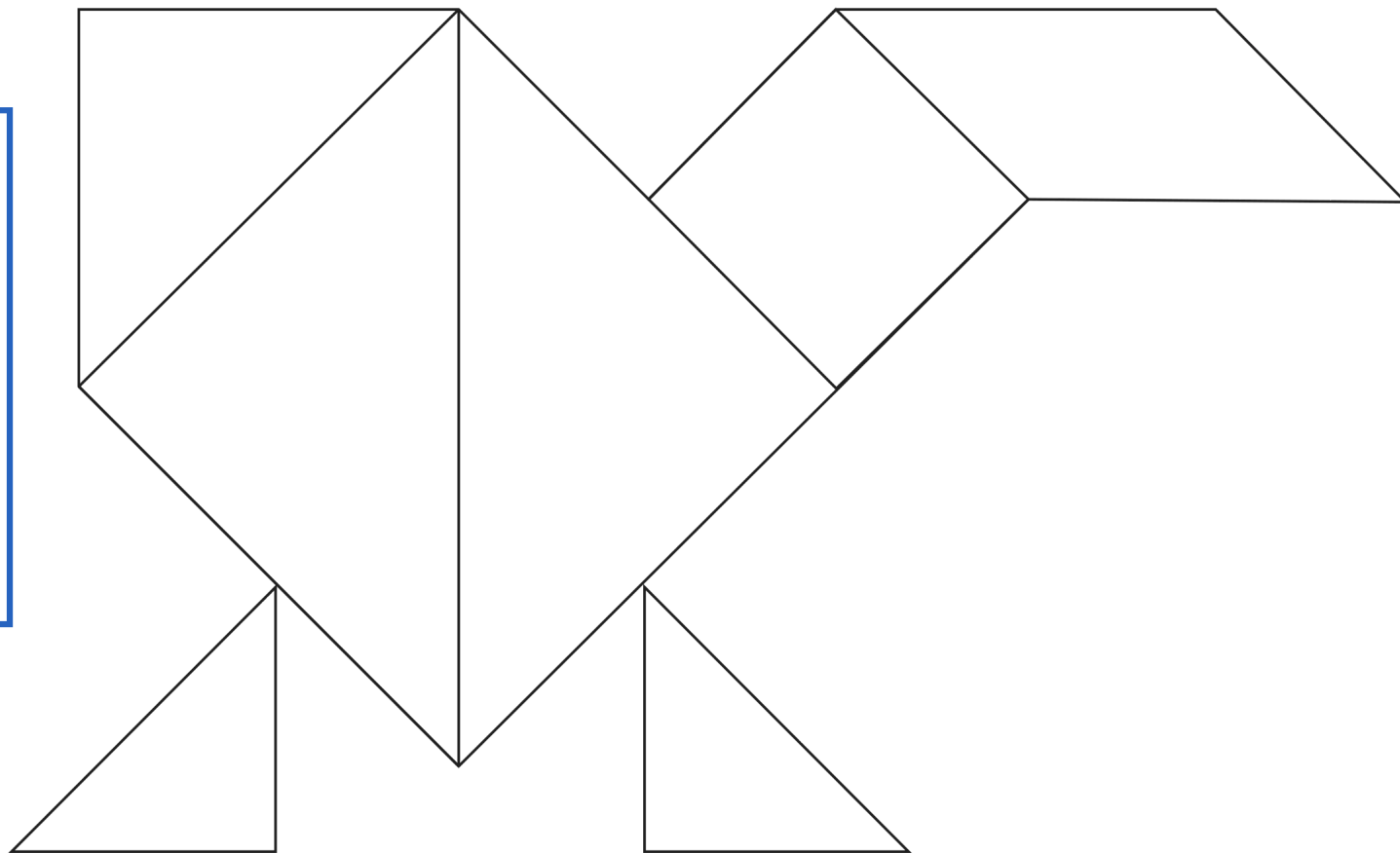
Use the blocks to put together the CHICKEN.

Usa las piezas para armar la GALLINA.

TALK TIP

Does the parallelogram fit
the chicken's head?

¿Encaja el paralelogramo en
la cabeza de la gallina?



CHICKEN

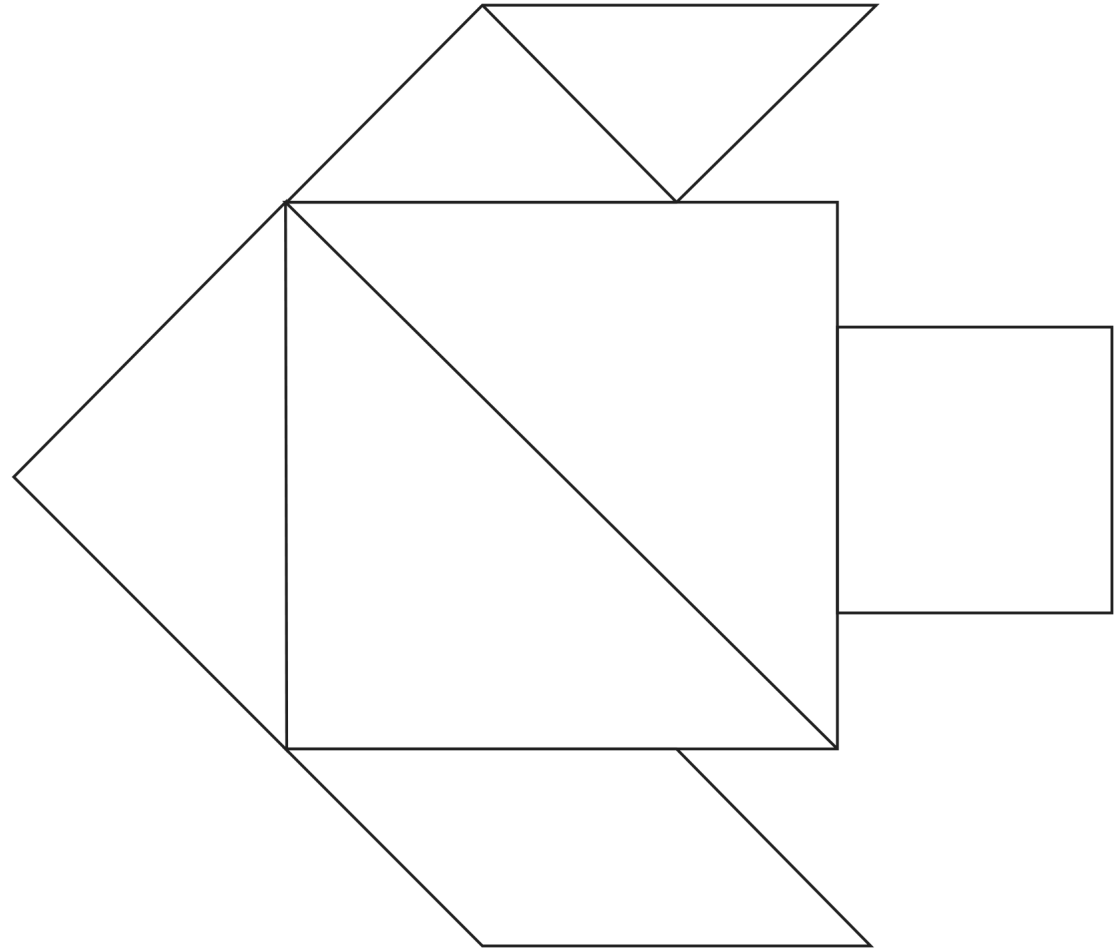
Use the blocks to put together the FISH.

Usa las piezas para armar el PEZ.

TALK TIP

Try putting two small triangles together to make the top fin.

Intenta juntar dos triángulos pequeños para armar la aleta de arriba.



FISH

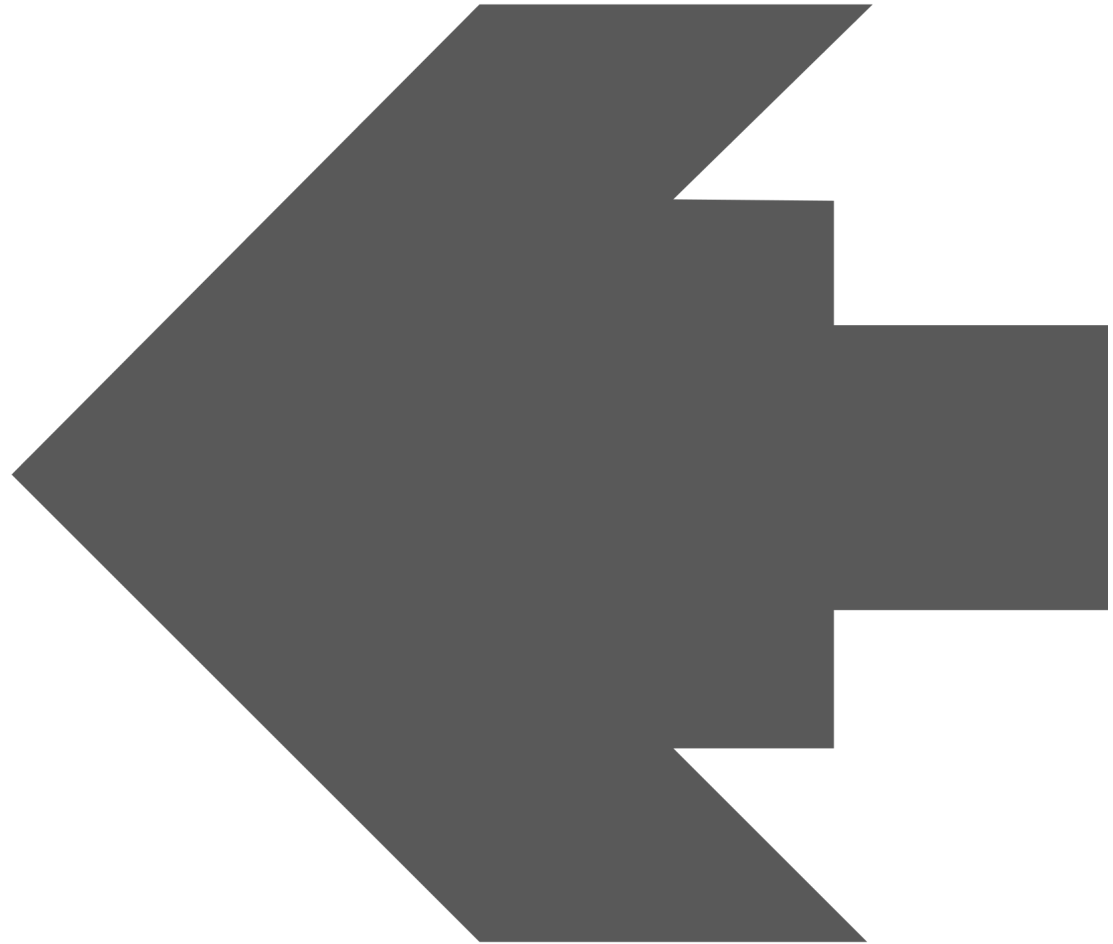
Use the blocks to put together the FISH.

Usa las piezas para armar el PEZ.

TALK TIP

What shape is the fish's tail?

¿Qué forma tiene la cola del pez?



FISH

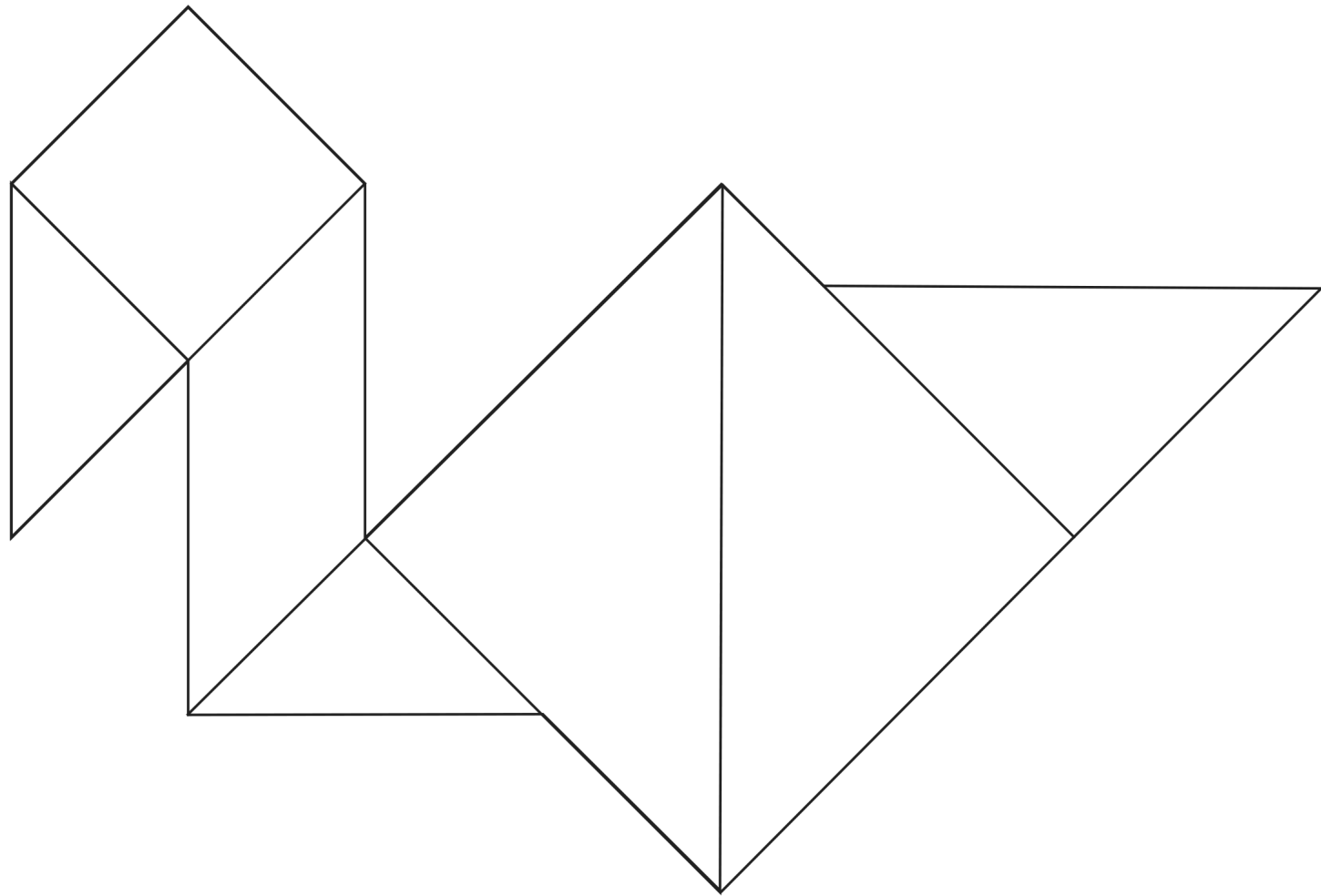
Use the blocks to put together the SWAN.

Usa las piezas para armar el CISNE.

TALK TIP

Try putting the square and one of the small triangles next to each other to make the head.

Intenta juntar el cuadrado y uno de los triángulos pequeños para armar la cabeza.



SWAN

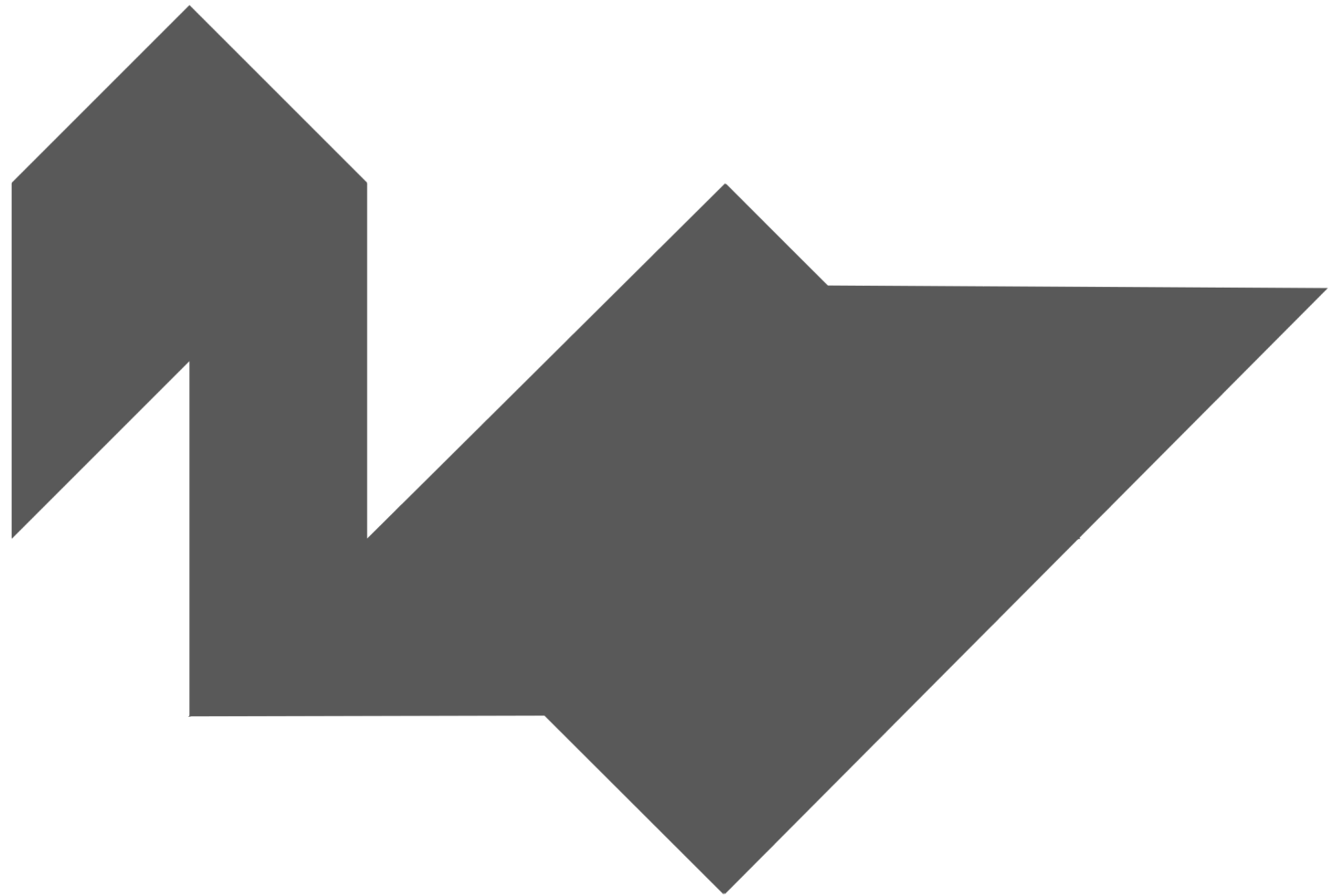
Use the blocks to put together the SWAN.

Usa las piezas para armar el CISNE.

TALK TIP

What shape can you use
to make the tail?

¿Qué pieza encaja en la
cola?



SWAN

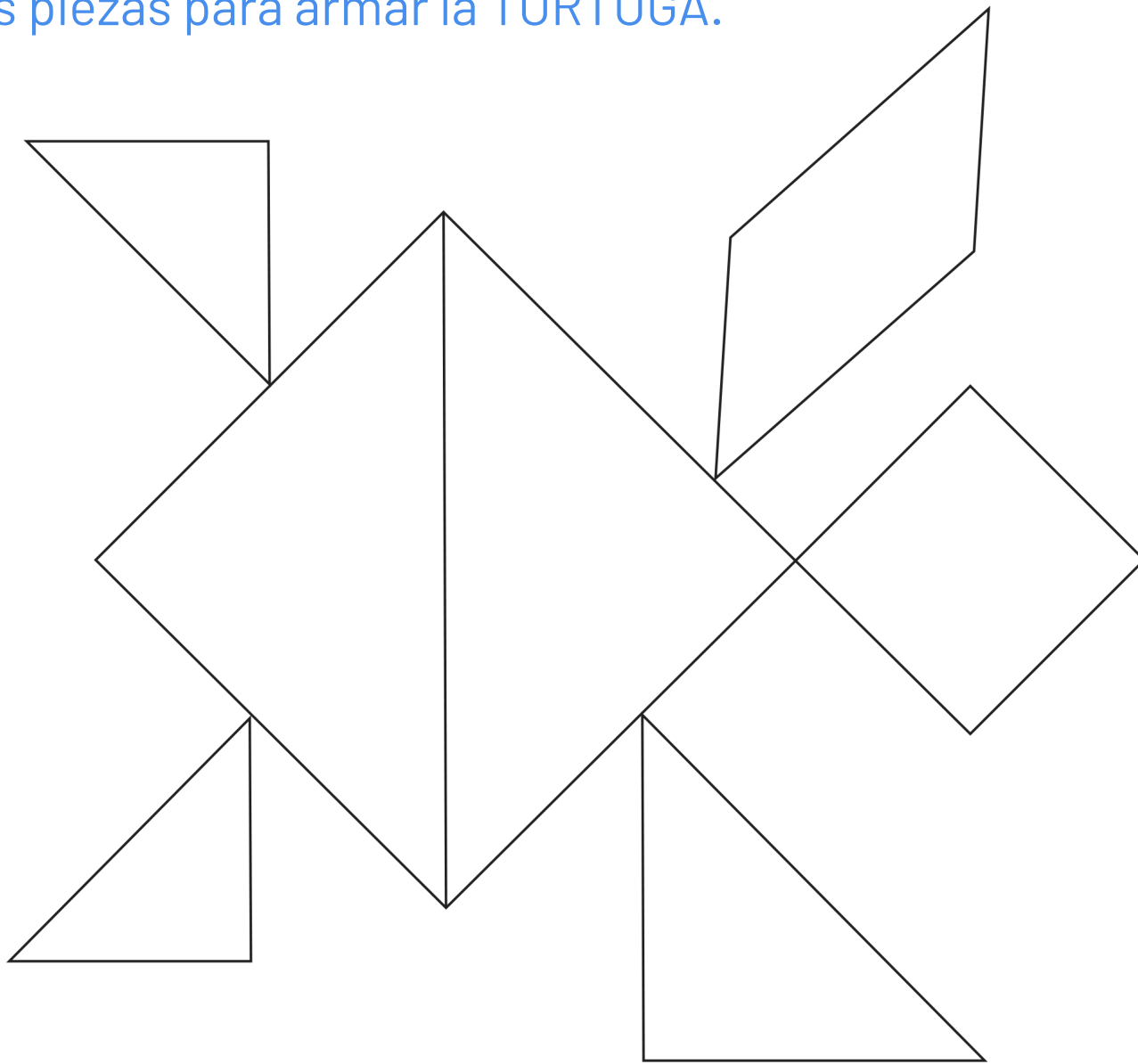
Use the blocks to put together the TURTLE.

Usa las piezas para armar la TORTUGA.

TALK TIP

How many sides does the
turtle's head have?

¿Cuántos lados tiene la
cabeza de la tortuga?



TURTLE

Use the blocks to put together the TURTLE.

Usa las piezas para armar la TORTUGA.

TALK TIP

What shape is the body of the turtle?

¿Qué forma tiene el cuerpo de la tortuga?



TURTLE