



## LOOK KOOL ACTIVITY: Pieces of the tangram puzzle



### WHAT IS THIS?:

Tangram is an ancient Chinese puzzle. The word tangram translates to “seven boards of skill.” Each tangram is made up of... you guessed it, seven pieces. In this activity, you get to learn basic geometry by making your own tangram puzzle. You’ll learn how to create two different shapes with your tangram. You can even take things a step further by creating your own pictures and shapes using the seven pieces.



### WHAT YOU’LL NEED:

- A sheet of thick paper or card stock
- Colored felt-tip pens or pencils (*six or seven different colors*)
- Scissors
- Glue
- Tangram Template (*last page of this PDF*)

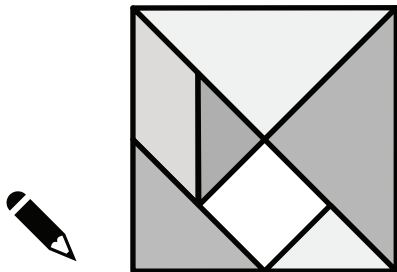
Instructions on next page...



# Pieces of the tangram puzzle

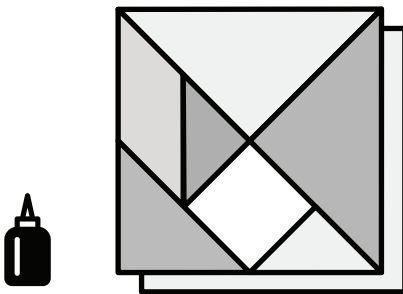


## WHAT YOU DO:



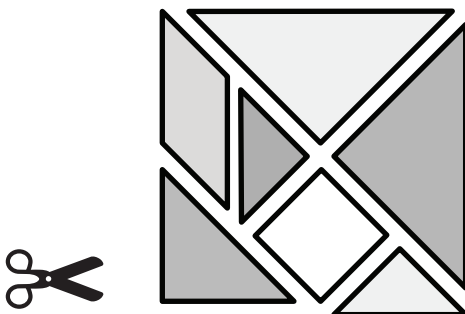
### STEP ONE:

Print out the template on the last page of this PDF and colour each segment in the template a different colour.



### STEP TWO:

Carefully glue the template to the card.

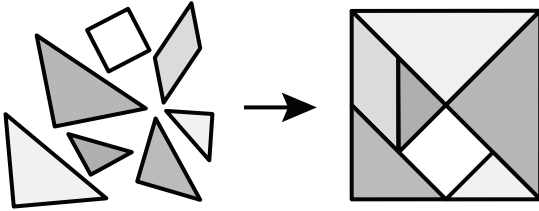


### STEP THREE:

When the glue is dry, cut out the tangram along all the dotted lines. This should result in seven different colored pieces. Get a parent's help if needed.

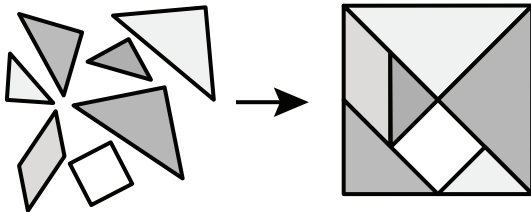


# Pieces of the tangram puzzle



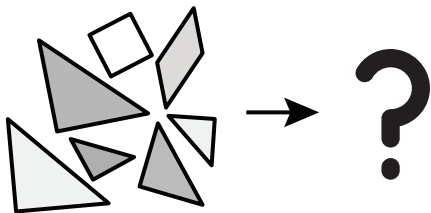
## STEP FOUR:

Jumble up the pieces and see how quickly you can make a square from the pieces.



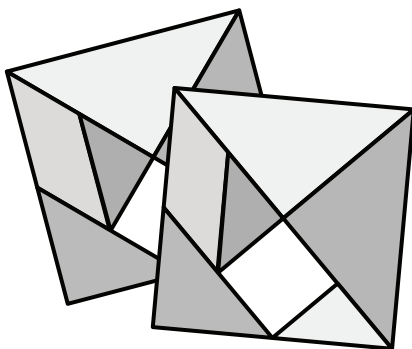
## STEP FIVE:

Mix the pieces up again and see if you can improve your assembly time.



## STEP SIX:

Mix the pieces up again and see if you are able to make a rectangle. Are there any other pictures you can make using the pieces?



## STEP SIX:

Try playing other games with your tangram. You could make a second tangram set. Give your friend one set, and arrange the other into a shape. Challenge your friend to arrange the other set into the same shape.



# Tangram Template

(print this!)

