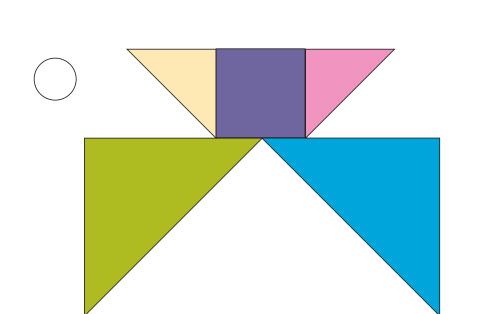
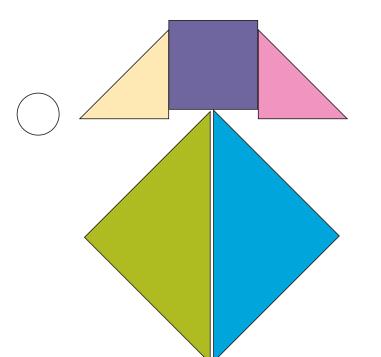
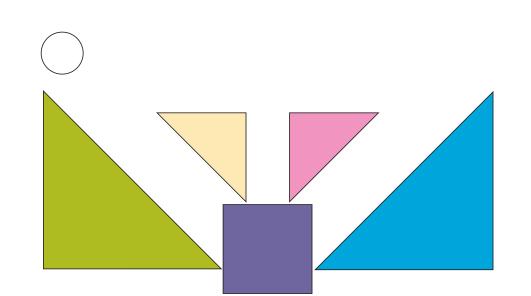
Algorithms Tangrams

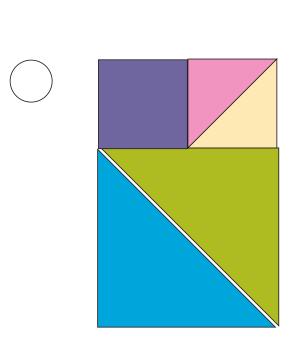
Which one of these drawings does not follow the algorithm provided?

- Put two large triangles at the bottom of the image.
 Put a square on top of those two triangles.
- 2) Put a square on top of those two triangles.3) Put two litte triangles beside the square.

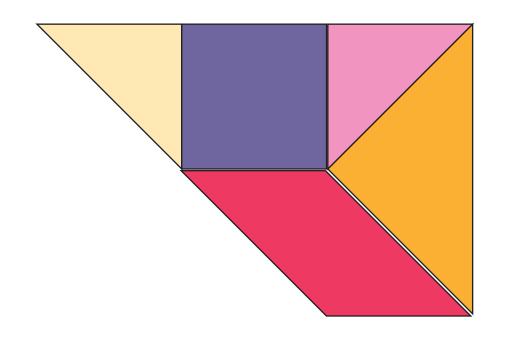








Which algorithm goes with the drawing?



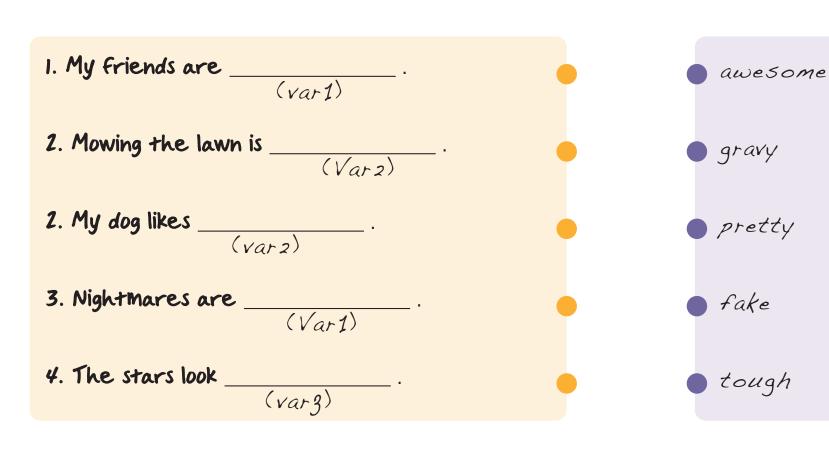
- 1) Use three triangles, a square, and another piece
- 2) Line two triangles up with the square
- 3) Put a third triangle to the right of those shapes4) Put the last piece at the bottom
- ->--
- Use three triangles, a rhombus, and another piece
 Put the rhombus at the bottom
- 3) Put all three triangles above the rhombus4) Put the final piece to the left of everything else
- 1) Use two triangles, a square, and another piece
- 2) Line two triangles up with the square

3) Put the last piece on top of the square

Envelope Variables

Match the sentence to the value of the variable that goes with it.

var1 = awesome,
var2 = gravy,
var3 = pretty,
Var1 = fake,
Var2 = tough



For Loop Fun

Which of these loops will count the even numbers between 2 and 10?

- 7) For values of **X** from 1 to 10 incrementing by 4
- 2) For values of X from 2 to 1 incrementing by 3
- 3) For values of X from 2 to 1 incrementing by 2
- 4) For values of **X** from 2 to 15 incrementing by 2

- Which of the sets of numbers below will be counted by this for loop?
 - For values of **X** from 5 to 40 incrementing by 4
- 1) 4, 8, 12, 16, 20, 24, 28, 32, 36, 40
- 2) 5, 9, 13, 17, 21, 25, 29, 33, 37
- 3) 8, 12, 16, 20, 24, 28, 32, 36, 40

Mad Glib Abstraction

Which of these sentences does not fit the abstracted template below?

Abstracted Template:
The cow said _____, and I _____.

A) The cow said "Moo", and I smiled.

B) The cow said "Hello", and I screamed.C) The cow hollered "Moo", then I yawned.

D) The cow said something animal-like, and I yawned.

Which of the abstracted templates below would work for all of these

Sentences:

sentences?

I am so smart. Everyone thinks so!

My friends are so smart. Even the teacher thinks so!

Puppies are so smart. Mine thinks like a human! Recycling is so smart. Mom thinks it can save the planet!

A)	so	smart	thinks
B)	are so smart		
C)	friends	so smart.	thinks so!
D)		·	thinks!

Songwriting with Parameters

Match the function call with the chorus

"No more monkeys jumping on the bed!"

Chorus (NumberOfMonkeys):

NumberOfMonkeys little monkeys jumping on the bed One fell off and bumped his head Mama called the doctor and the doctor said

chorus(Two)

Five little monkeys jumping on the bed
One fell off and bumped his head
Mama called the doctor and the doctor said
"No more monkeys jumping on the bed!"

chorus(Five)

Three little monkeys jumping on the bed
One fell off and bumped his head
Mama called the doctor and the doctor said
"No more monkeys jumping on the bed!"

chorus(Three)

Two little monkeys jumping on the bed
One fell off and bumped his head
Mama called the doctor and the doctor said
"No more monkeys jumping on the bed!"

Identify the chorus of this song

Big Rock Candy Mountains:
In the Big Rock Candy Mountains
There's a land that's fair and bright
Where the handouts grow on bushes
And you sleep out every night
Where the boxcars are all empty
And the sun shines every day
Oh, I'm bound to go where there ain't no snow
Where the rain don't fall and the wind don't blow

In the Big Rock Candy Mountains

Oh the buzzin of the bees in the peppermint trees

Around the soda water fountains

Where the lemonade springs and the bluebird sings

In the Big Rock Candy Mountains
You never change your socks
And little streams of lemonade
Come a tricklin down the rocks
The hobos there are friendly
And their fires all burn bright
There's a lake of stew and soda, too
You can paddle all around 'em in a big canoe
In the Big Rock Candy Mountains.

In the Big Rock Candy Mountains

Oh the buzzin of the bees in the peppermint trees
Around the soda water fountains
Where the lemonade springs and the bluebird sings
In the Big Rock Candy Mountains

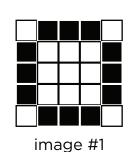
And you sleep out every night
Where the boxcars are all empty
And the sun shines every day
Oh, I'm bound to go where there ain't no sne
Where the rain don't fall and the wind don't
In the Big Rock Candy Mountains

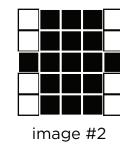
Oh the buzzin of the bees in the peppermin Around the soda water fountains Where the lemonade springs and the bluebi In the Big Rock Candy Mountains

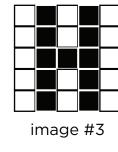
In the Big Rock Candy Mountains
You never change your socks
And little streams of lemonade
Come a tricklin down the rocks

Binary Images

Match the image to its binary encoding







A) *******************

B) 0 • • • 0 0 0 • • 0 0 0 • • 0 0 0 • • 0 0