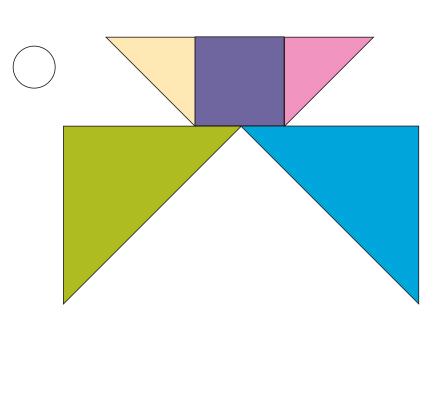
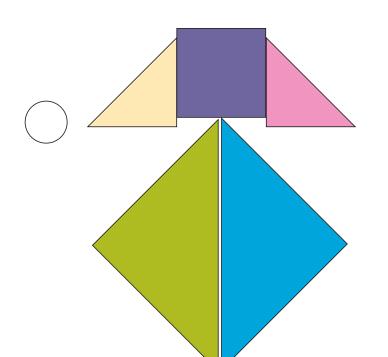
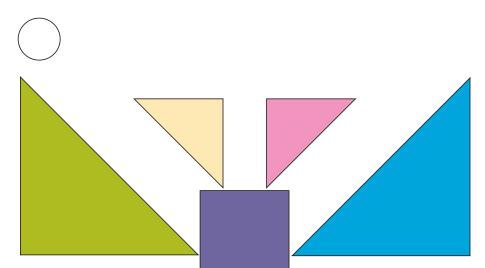
Algorithms Tangrams

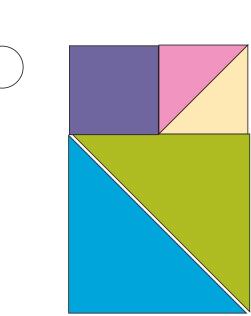
Which one of these drawings does not follow the algorithm provided?

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

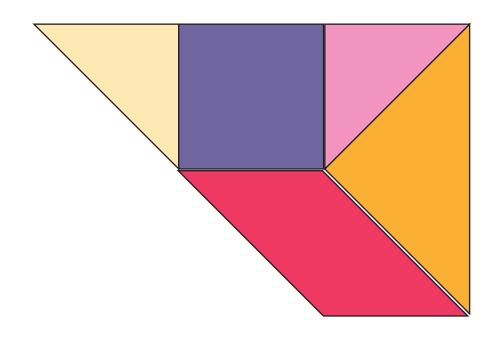








Which algorithm goes with the drawing?



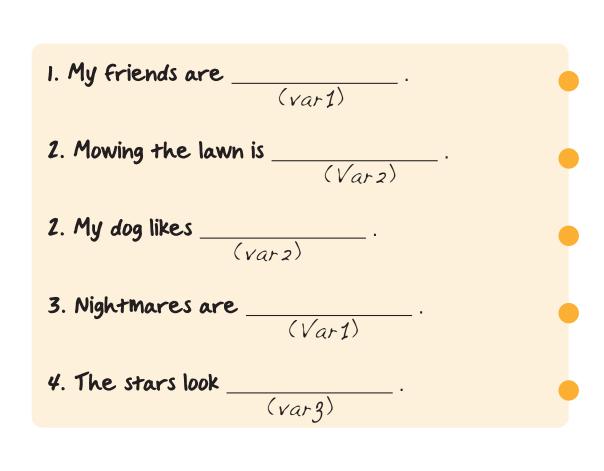
- 1) Use three triangles, a square, and another piece
- 2) Line two triangles up with the square
- 3) Put a third triangle to the right of those shapes 4) Put the last piece at the bottom
- 1) Use three triangles, a rhombus, and another piece 2) Put the rhombus at the bottom
- 3) Put all three triangles above the rhombus 4) 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.

varl = 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 _____ to ____ incrementing by _____
- 2) For values of X from _____ to _____ 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	_ thinks so!
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

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.

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 sno 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

