

Thứ ngày tháng năm 2024

Học sinh:

Lớp :

PHIẾU ÔN TẬP HKICO – SCRATCH BUỔI 6

Loops, conditional blocks in Scratch

1. Which of the following blocks would repeat a code until a certain condition was met?

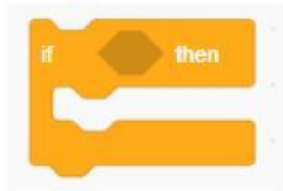
A.



B.



C.



D.



2. What would the following block say?

- A. Help!!
- B. Help!
- C. HELP!!
- D. It would not say anything



3. Which of the following blocks are loops?

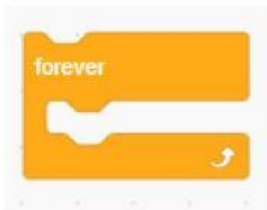
A.



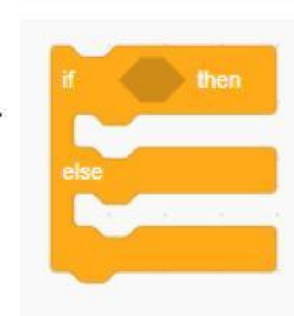
B.



C.



D.



E. A, B and C

4. What does this block do?

- A. Repeat the code forever
- B. Repeat the code 2 times
- C. Repeat the code until touching the sprite
- D. None of the above

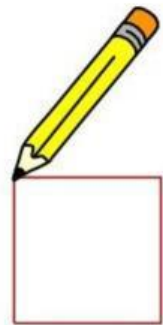
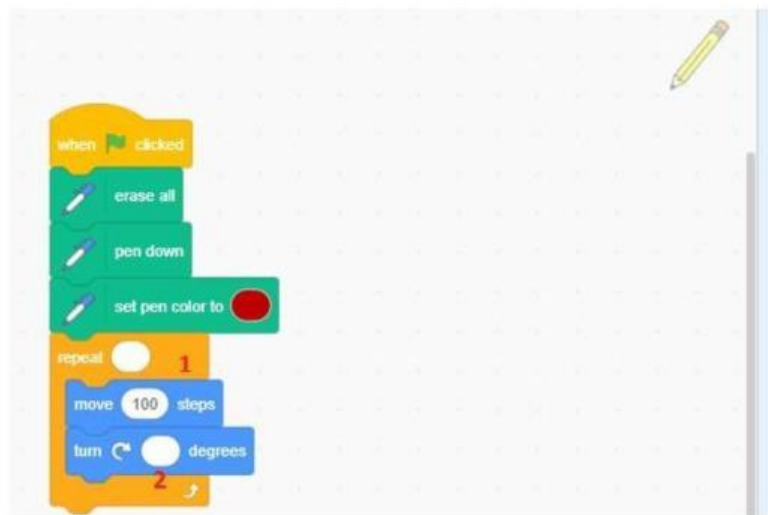


5. Given the following scene.
How long would the sprite
Bat gradually glide from
(0, 0) to (-50, 100)?

- A. 1 second
- B. 10 seconds
- C. 2 seconds
- D. 20 seconds
- E. None of the above



6. To draw the square as shown, we need to fill 1 and 2 respectively:

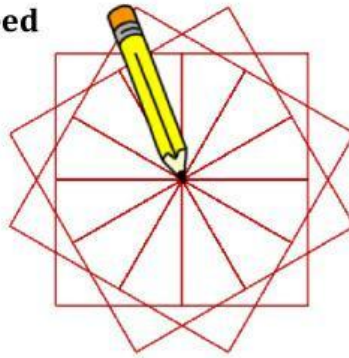


- A.
- B.
- C.
- D.
- E.

Refer to the following scene for questions 7- 8.

7. How many loops do you need to draw the above figure?

- A. 9 loops
- B. 10 loops
- C. 11 loops
- D. 12 loops
- E. 13 loops



8. How many degrees dose the square rotate?

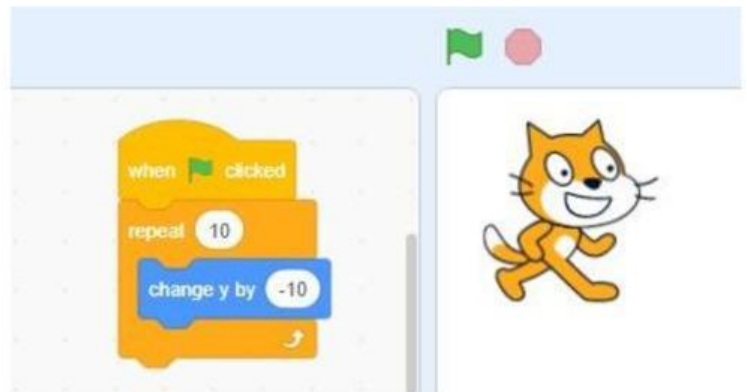
- A. 10 degrees
- B. 20 degrees
- C. 30 degrees
- D. 40 degrees
- E. None of the above

9. What is a loop?

- A. Starting the program
- B. Ending the program
- C. Allows something to be repeated
- D. None of the above

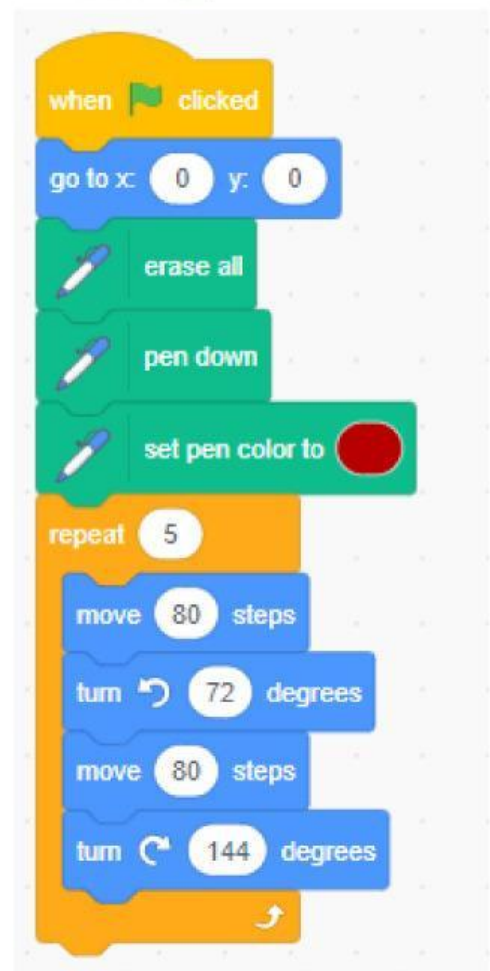
10. Referring to the script and scene below. When the flag is clicked, what will happen?

- A. Go up
- B. Go down
- C. Go right
- D. Go left
- E. None of the above



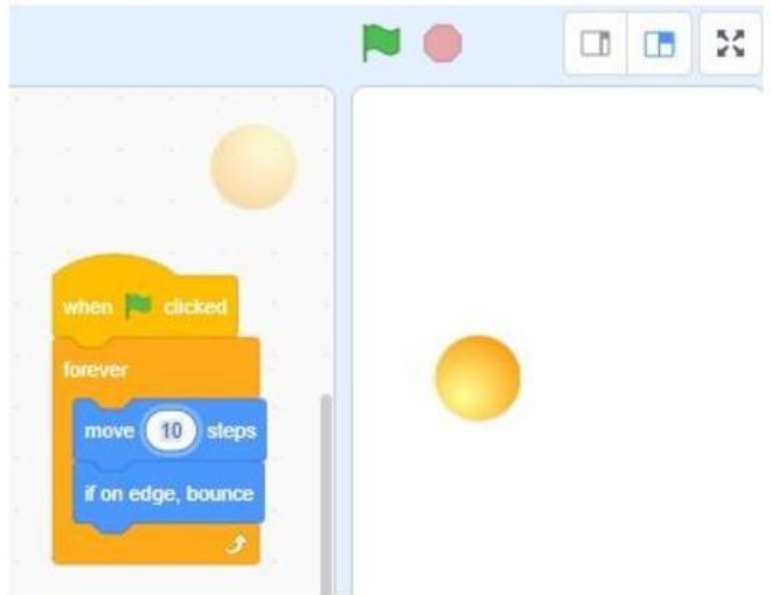
11. What is the expected picture on the stage?

- A. Square
- B. Pentagon
- C. Hexagon
- D. Circle
- E. Star

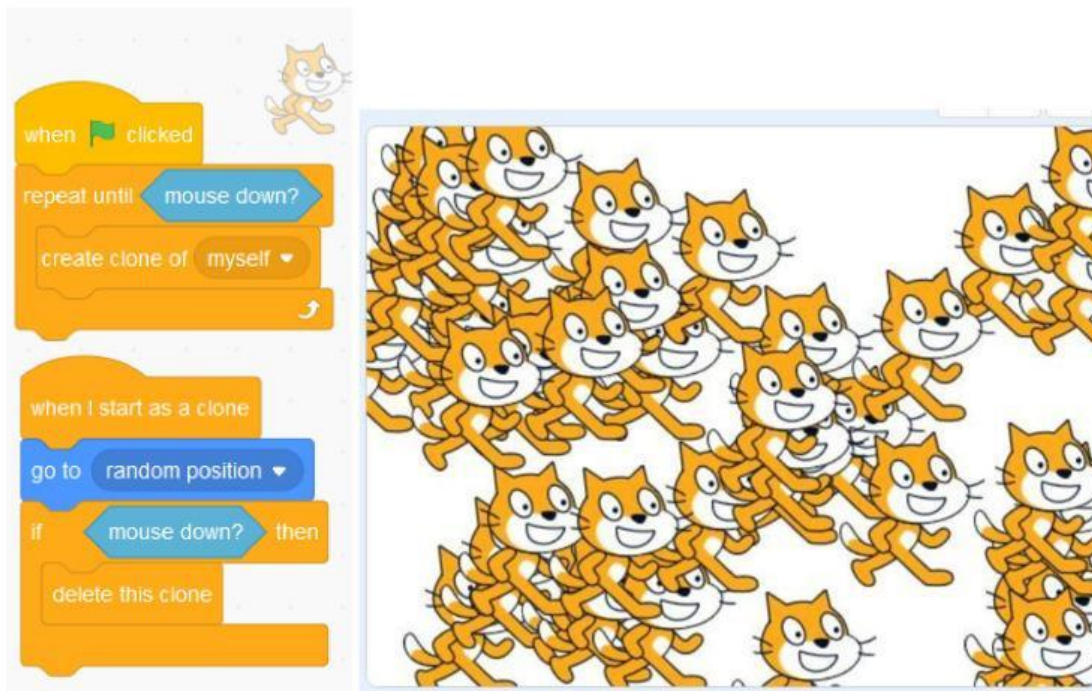


12. Given the following scene. What is the ball position after clicking the green flag?

- A. The ball would move forever 10 steps and jump.
- B. The ball would move forever 10 steps and go down.
- C. The ball would move if on edge, bounce.
- D. The ball would move forever 10 steps and return.
- E. None of the above.



13. Given the following script. The scene is what happened after clicking the green flag, then clicking mouse on the scene:



Why are not all the clones deleted after going to random positions?

- A.  is not triggered by mouse down.
- B. Mouse down is never triggered at all.
- C. There are too many clones.
- D. Each clone should be clicked on one by one to delete it.
- E. "If" block only checks the moment clone is spawn.

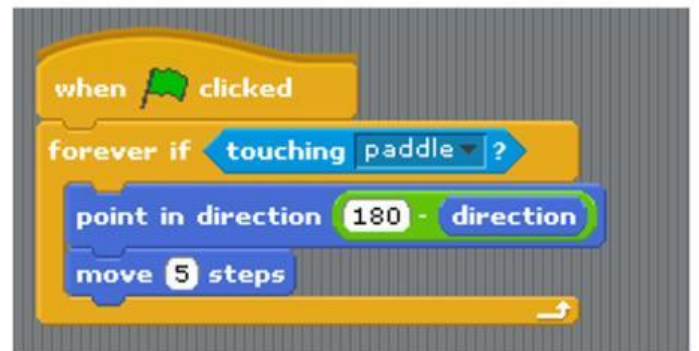
14. When would the condition statement be true?

- A. When the shark eats the fish
- B. When the shark thinks "Yum Yum..."
- C. When the fish get ready to be eaten
- D. When the shark touches the fish
- E. None of the above



16. What in this picture is the condition?

- A. When flag clicked
- B. Touching paddle
- C. Forever if
- D. Move 5 steps
- E. None of the above



16. Why won't this code continuously move the sprite when clicking the directional arrows?

- A. The "if" statements need to be inside a "forever" block
- B. The "point in directions" values need to change
- C. The "move 1 steps" commands need to be inside a "forever" block
- D. Need a 2nd "point in direction" block after "move 1 step"
- E. None of the above

