

Thứ ngày tháng năm 2024

Học sinh:

Lớp :

**PHIẾU ÔN TẬP
HKICO - SCRATCH BUỔI 4**

1. The stage is the space where sprites can move around. This space is two-dimensional. The horizontal direction goes from -240 to 240. The vertical direction ranges from?

- A. -180 to 180
- B. -360 to 360
- C. -90 to 90
- D. -240 to 240
- E. None of the above

3. What is the co-ordinate of the center of the screen?

- A. (x:0,y:180)
- B. (x:0,y:0)
- C. (x:240,y:180)
- D. (x:240,y:0)

5. In the ordered pair (4,9), which number is the y-coordinate?

- A. 4
- B. 9
- C. Neither
- D. both

7. Where is this location on screen?

- A. To the left
- B. In the middle
- C. At the top
- D. At the bottom



9. The X-axis is _____?

- A. "Left" and "Right"
- B. "Up" and "Down"
- C. "Left" and "Down"
- D. "Right" and "Up"

10. This is an image of the stage in scratch, which coordinates would be a location in the bottom right?

- A. x = -120, y = 145
- B. x = 200, y = -100
- C. x = 120, y = 145
- D. x = -134, y = -120

2. Ordered pair (0,0) is also known as the ____.

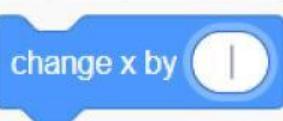
- A. y-axis
- B. x-axis
- C. Origin
- D. None of the above

4. What is the vocabulary word for the vertical line on the left of the coordinate plane?

- A. y-axis
- B. x-axis
- C. Origin
- D. Coordinate Plane

6. What would this command do?

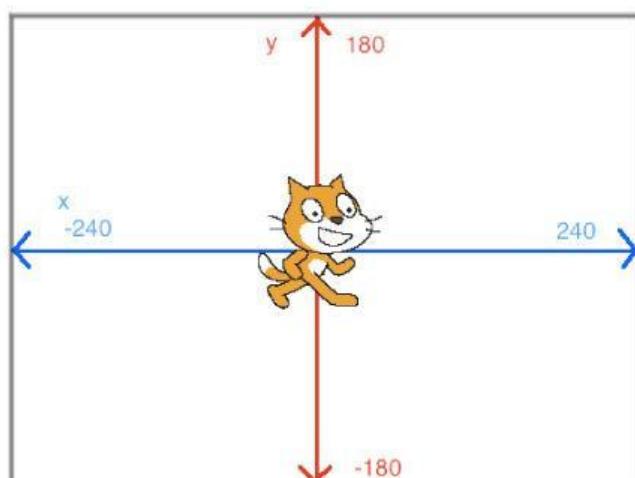
- A. Set X by
- B. Transform X by
- C. Change Y by
- D. Go to X by
- E. None of the above



8. What would this command do?

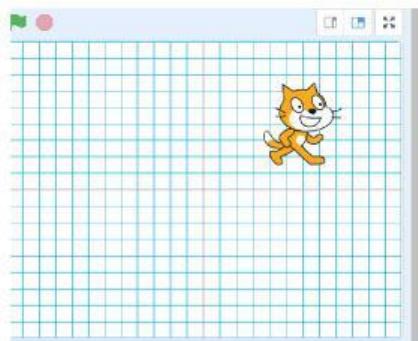


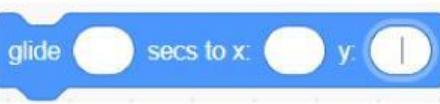
- A. Sprite would glide and go to position x..., y...
- B. Sprite would go to random position x..., y...
- C. Sprite would fly...secs and go to random position.
- D. Sprite would slide...secs and go to position x..., y...
- E. None of the above.



11. What is the coordinates of the sprite?

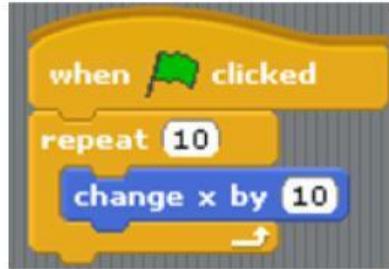
- A. (120, 80)
- B. (-120, 80)
- C. (-120, -80)
- D. (120, -80)


12. Which command would move its sprite center's X position by the specified amount?

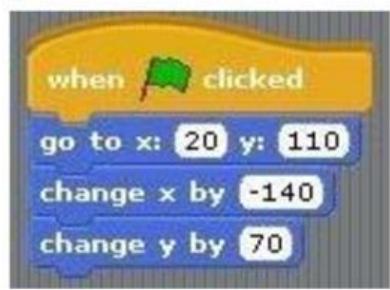
- A. 
- B. 
- C. 
- D. 

13. What does this code block do?

- A. Go Up
- B. Go Down
- C. Go Left
- D. Go Right

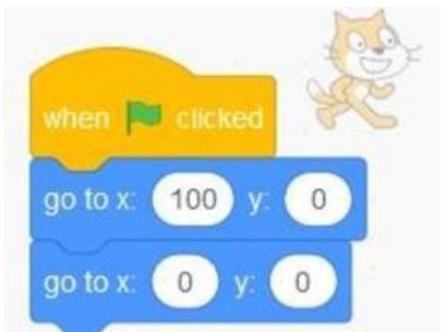

14. When the flag is clicked, what will be the coordinates of the sprite?

- A. (20, 110)
- B. (-120, 180)
- C. (120, 70)
- D. (-120, 80)


15. Given the following script:

The cat does not appear moving to (100, 0) before going to (0, 0) after clicking the greenflag. Why?

- A. The cat did not go to (100, 0) at all.
- B. (100, 0) is too far away.
- C. Other sprite is blocking (100, 0).
- D. All of the above.
- E. None of the above.


16. A program is created so that when the green flag is clicked, the program allows you to see a sprite start at (-85, 60), move 10 spaces right, 40 spaces down, and finally move to (0, 0). Which set of commands correctly completes this set of movements?
