Edison Schools
Innovation For Life

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

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

A. y-axis
B. x-axis
C. Origin
D. 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)

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

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

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

6. What would this command do?



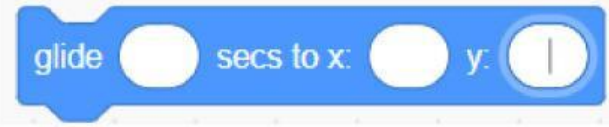
A. Set X by ....
B. Transform X by ....
C. Change Y by ....
D. Go to X by ....
E. None of the above

7. Where is this location on screen?



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

8. What would this command do?



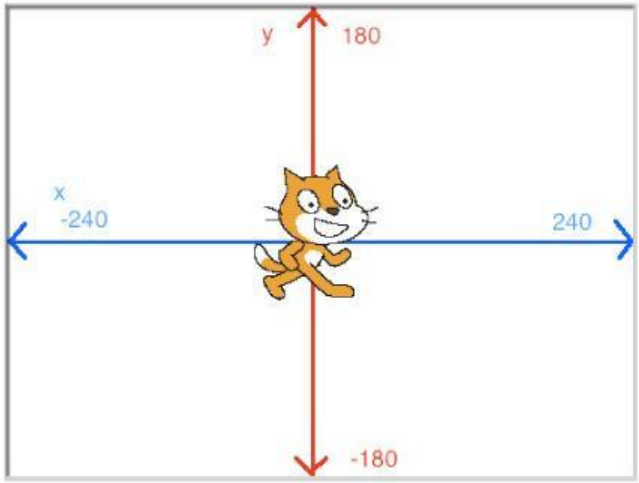
A. Sprite would glide and go to position x..., y...
B. Sprite would go to random position x..., y...
C. Sprite would fly...secs and go to random position.
D. Sprite would slide...secs and go to position x.., y...
E. None of the above.

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?

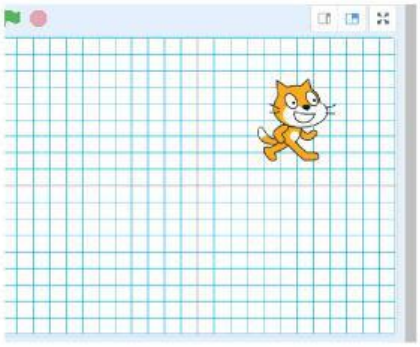
A. x = -120, y = 145
B. x = 200, y = -100
C. x = 120, y = 145
D. x = -134, y = -120



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11. What is the coordinates of the sprite?



A. (120, 80)

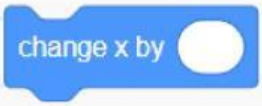
B. (-120, 80)

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. 

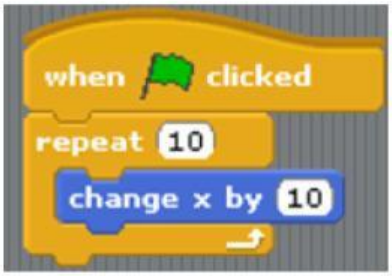
13. What does this code block do?

A. Go Up

B. Go Down

C. Go Left

D. Go Right



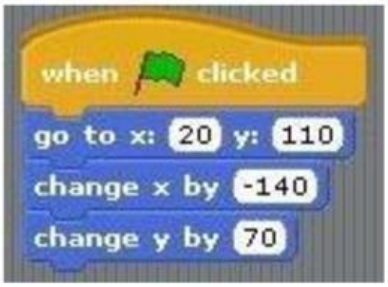
14. When the flag is clicked, what will be the coordinates of the sprite?

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?

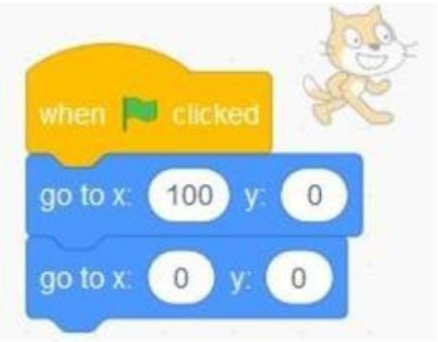
A. The cat did not go to (100, 0) at all.

B. (100, 0) is too far away.

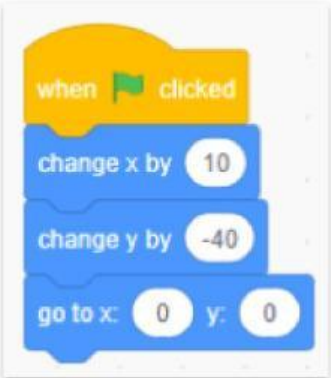
C. Other sprite is blocking (100, 0).

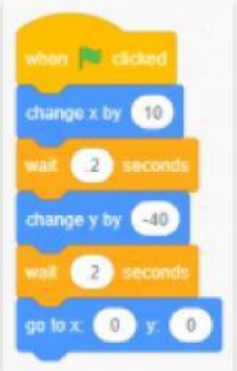
D. All of the above.

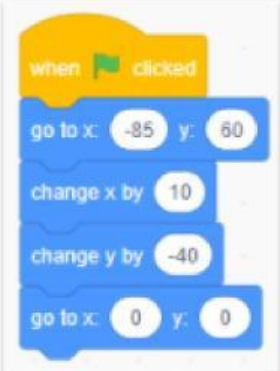
E. None of the above.

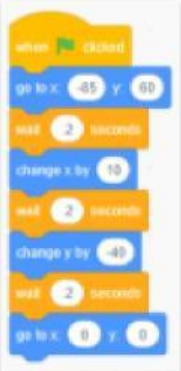


16. A program is created so that when the green flag is clicked, the program allows you to see a sprite start at (-85, 60), move 10 spaces right, 40 spaces down, and finally move to (0, 0). Which set of commands correctly completes this set of movements?

A. 

B. 

C. 

D. 

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