

Snap!

Building games
And Practice Problems

10/21/16

Building games

- Have a look at some of the complex games (under class resources “Snap Examples”)



What is “said”?

A.) Next

B.) Tick

C.) Tock

D.) A combination of Next,
Tick, Tack



What is “said”?

A.) Next

B.) Tick

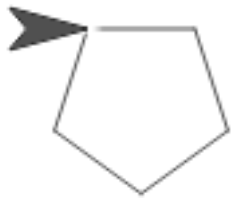
C.) Tock

D.) A combination of Next, Tick, Tack

```
pen down
repeat 6
  wait 1 secs
  move 40 steps
  turn 60 degrees
```

What is drawn?

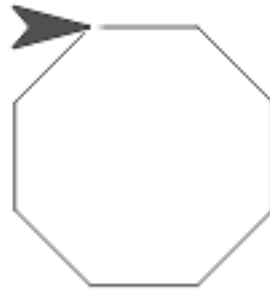
A



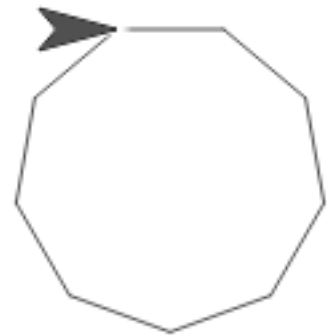
B



C



D



```
pen down
repeat 10
  wait 1 secs
  move 40 steps
  turn 36 degrees
```

What is drawn?

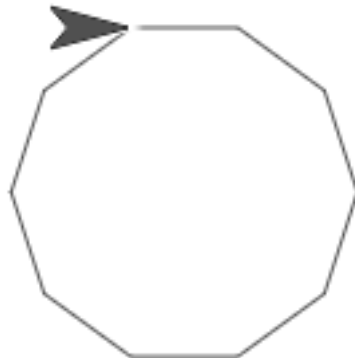
A



B



C





What is drawn?

- A) A star with x number of points
- B) A polygon with x number of sides
- C) A circle with x radius

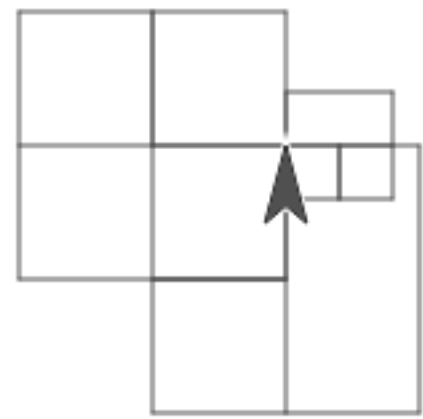
```

+ draw + building + of + size + x +
point in direction 90
pen down
repeat 2
  repeat 4
    pen down
    wait 1 secs
    move x steps
    turn 90 degrees
  pen up
  wait 1 secs
  move x steps
pen down
wait 1 secs
turn 90 degrees
move x steps
wait 1 secs
turn 90 degrees
move 2 x x steps
wait 1 secs
turn 90 degrees
move x steps

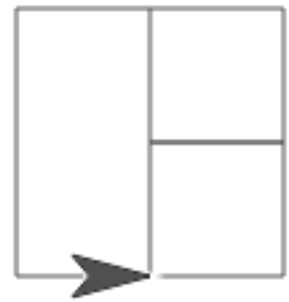
```

What is drawn?

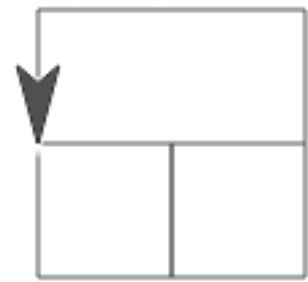
A

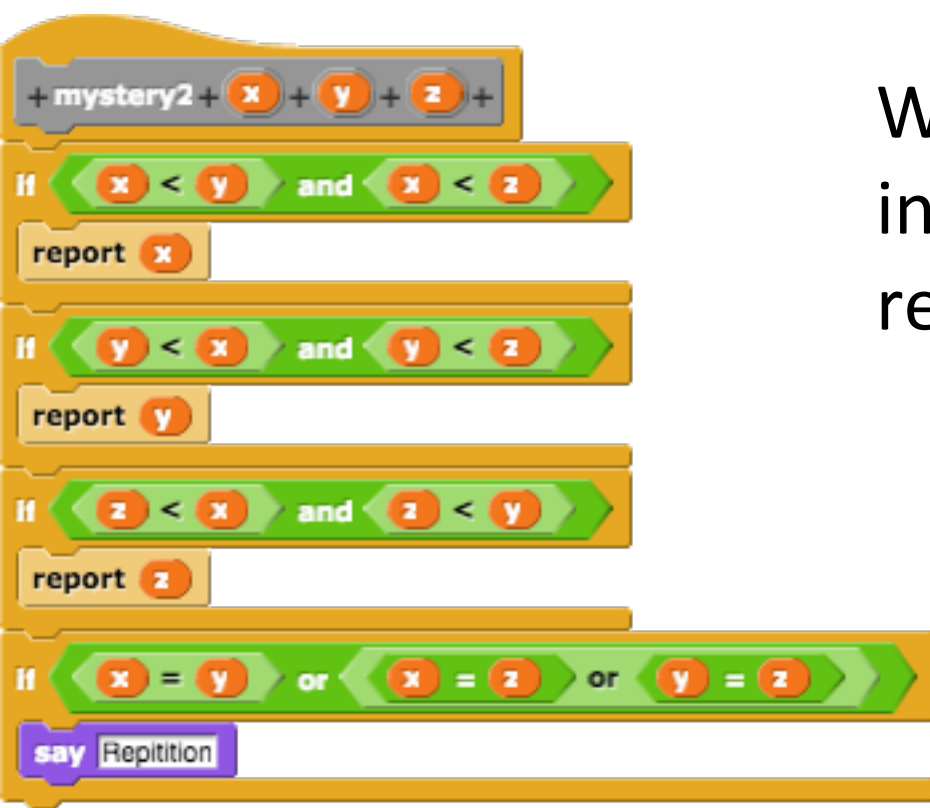


B



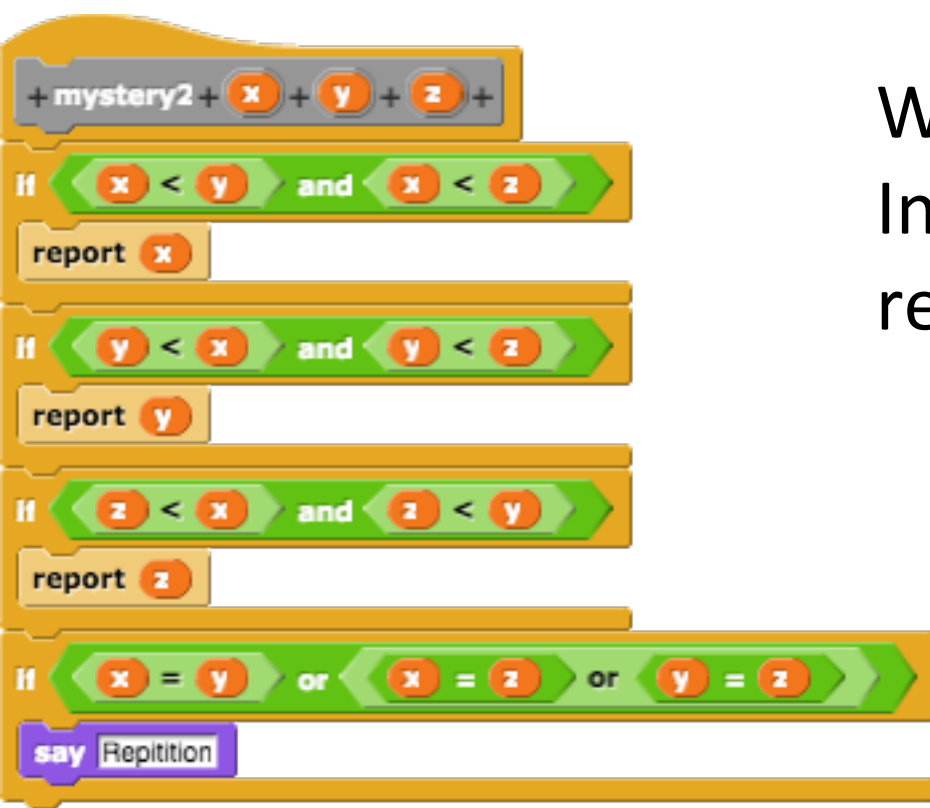
C





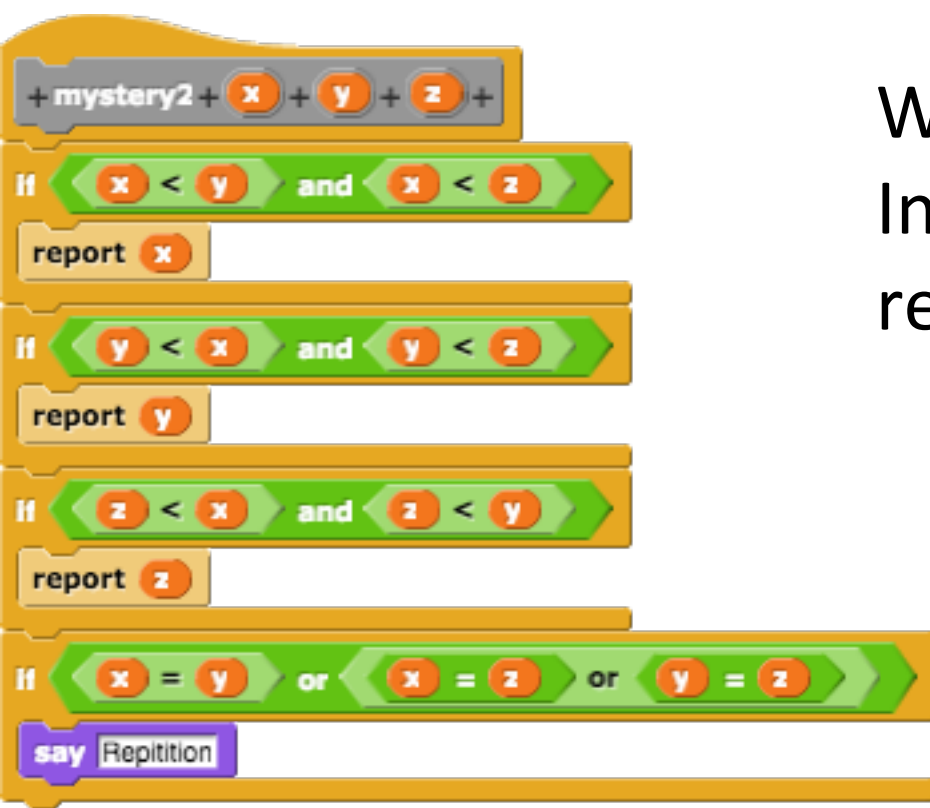
What is reported/said if we input 3,4,5 for x,y,z respectively?

- A) x is reported
- B) y is reported
- C) z is reported
- D) "Repitition" is said



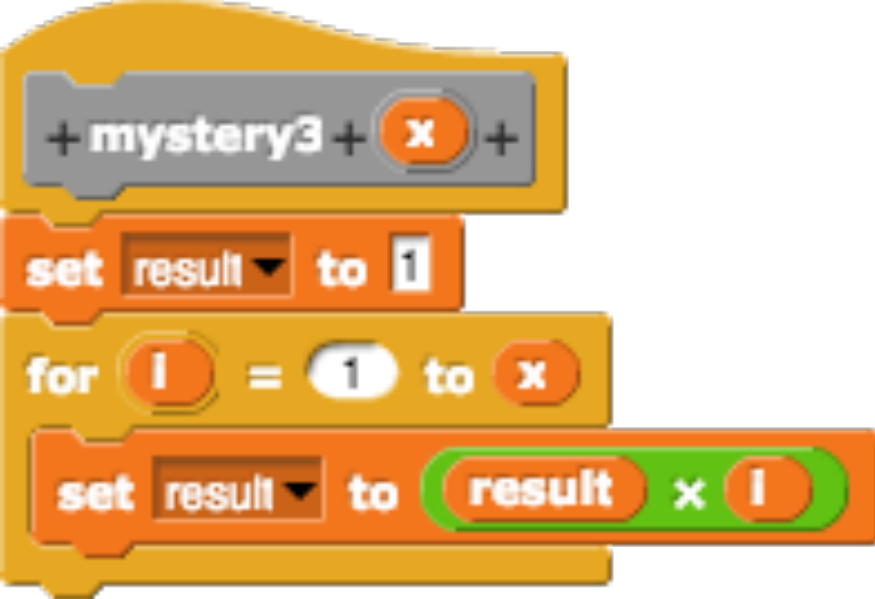
What is reported/said if we Input 5,4,3 for x,y,z respectively?

- A) x is reported
- B) y is reported
- C) z is reported
- D) "Repetition" is said



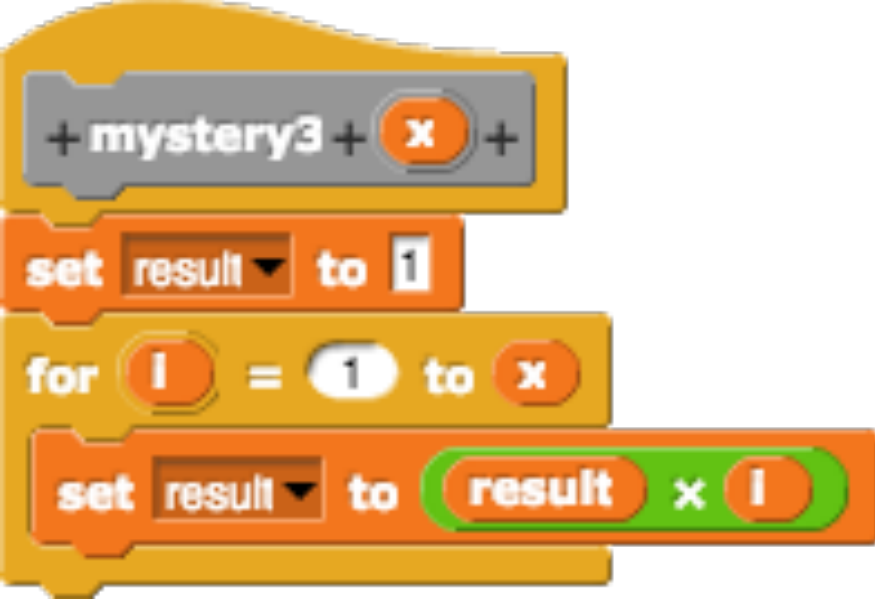
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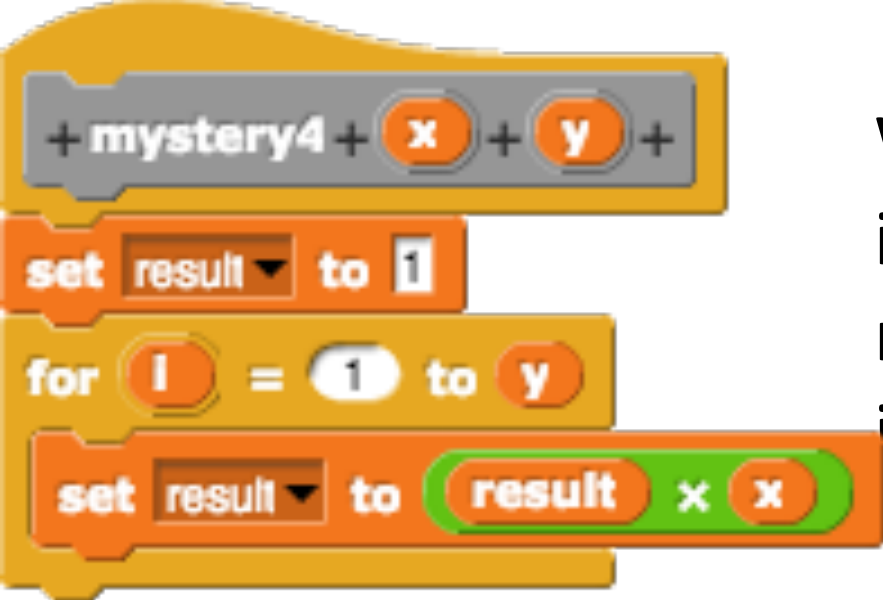
What is the value of result if 4 is input as x? Assume result is a global variable.

- A) 12
- B) 24
- C) 16



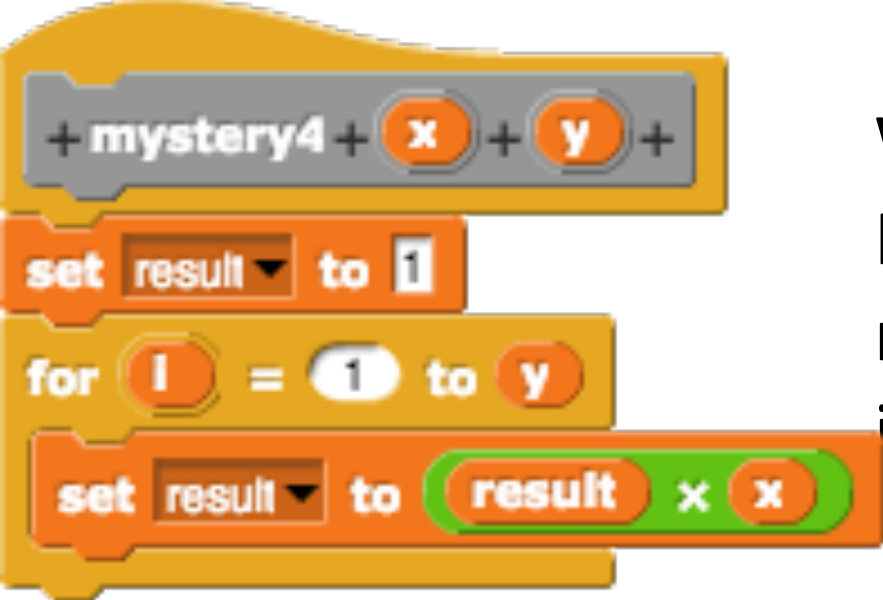
What is the value of result if 5 is input as x? Assume result is a global variable.

- A) 60
- B) 120
- C) 25



What is the value of result if 2 and 3 are input as x and y respectively? Assume result is a global variable.

- A) 6
- B) 8
- C) 10



What is the value of result
If 3 and 4 are input as x and y
respectively? Assume result
is a global variable.

- A) 12
- B) 27
- C) 81