Kahoot Questions

1. Which of these is NOT an example of a variable?

1. myo=2020
2. x=rocket
3. number=3\*5
4. **launch+height= rocket**

2. How do you write the number 30 in binary?

1. 10111
2. 11011
3. **11110**
4. 01111

3. What is the condition in this statement: if the teacher does not give homework, then the students will be happy

1. The teacher
2. **No homework**
3. The students are happy
4. Not sure

4. What value does this binary number represent? 101 =

1. 2
2. **5**
3. 8
4. 101

5. What is the output of this statement:

name= Sara

print(“My name is”, name, “!”)

1. My name is, name, !
2. “My name is Sara!”
3. “My name is” Sara!
4. **My name is Sara!**

6. What value does this binary number represent? 101011 =

1. **43**
2. 44
3. 101011
4. 4

7. What will be the output of the following code?

six= 55

three= 5

five= 8

print(six/three\*five)

1. 10
2. **88**
3. six/three\*five
4. 6/3\*5

8. True or false: an if/else statement can only have two options (if… else…)

1. True
2. **False**

9. What are the variable names in this code?

Coding = 3

Is = 6

Fun = 9

1. **Coding, Is, Fun**
2. 3, 6, 9
3. Coding, is, Fun, 3, 6, 9
4. None of the above

10. What is the output of this code if the input is fuel=10?

If fuel > 10:

 Print (“Rocket will launch”)

Else:

Print (“Rocket will not launch”)

1. Rocket will launch
2. **Rocket will not launch**
3. Both
4. Neither

11. True or False. In binary code, a 1 in the fourth decimal indicates a value of 8.

1. **True**
2. False

12. Which if-else statement correctly represents “For a safe launch to happen, fuel needs to be at least 50 when the booster dismantles at altitude of 20000.

1. If fuel>=50 and altitude=20000:

print(“safe launch”)

Else:

 print(“not safe”)

1. If fuel<50 and altitude>20000:

 print(“safe launch”)

 Else:

 print(“not safe”)

1. If fuel>=50 and altitude<20000:

 print(“safe launch”)

Else:

 print(“not safe”)

1. None of the above