Homework 2 Scratch

Problem 1
x = 10
y = false
x>= 10 —> true
!y = true
result = "medium"

Problem 2:
x = 10
y = true
x>= 10 —> true
!y = false
result = "average"

Problem 3:
x =16
y =false
x>= 10 —> true
!y = true
result = "medium"

Problem 4:
x =16
y =true
x>= 10 —> true
!y = false
result = "average"

Problem 5:
x =5
y =true
x>= 10 —> false
x >=13 —> false
result = "small"

Problem 6:
result = false or (false or true) —> false or (true) —> true

Problem 7:
x = 7
x >= 7 —> true
result = 1
x >= 6 --> true
result = 2

Problem 8:
x = 7
x >= 7 —> true
result = 1
x < 6 —> false
else - result = 3

Problem 9:
result = false and (false or true) —> false and (true) —> false

Problem 10:
num1 = 1
condition = true and (false) —> num1 != 2
result = 1