

Names: _____
CS Logins: _____

Worksheet #18
Computability and Online Algorithms

Activity 1:

Write down the weights of the experts after the decisions shown in the slides!

Weights	Expert 1	Expert 2	Expert 3	Expert 4	Expert 5
Initial	1	1	1	1	1
Round 1					
Round 2					

Activity 2

Using the above weights from Round 2 in order to make the decision for the next question!

What is the decision we should make? _____

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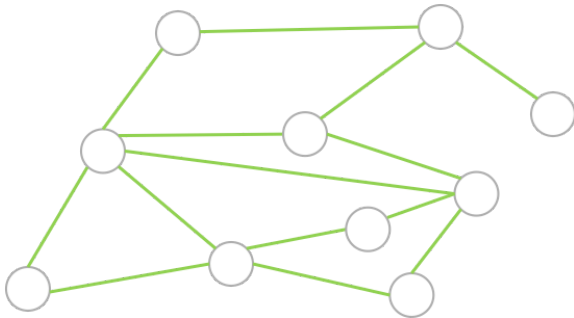
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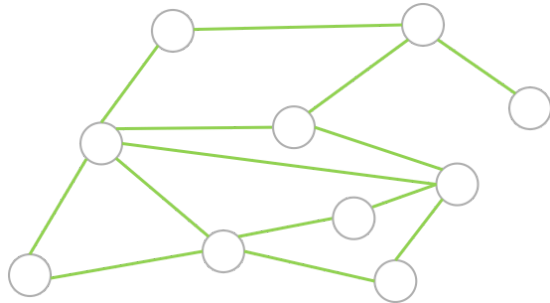
What is the decision we should make? _____

Activity 3:

Attempt to “2-color” the following graph, putting “R” or “B” in each of the circles to represent Red and Blue. (It may not be possible)

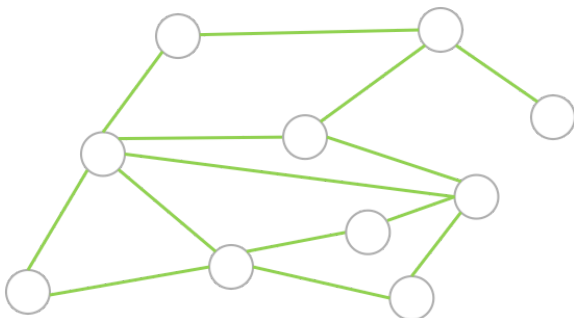


Attempt to “3-color” the following graph, putting “R”, “B”, “G” in each of the circles to represent Red, Blue, and Green. (It may not be possible)



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Attempt to “3-color” the following graph, putting “R”, “B”, “G” in each of the circles to represent Red, Blue, and Green. (It may not be possible)

