

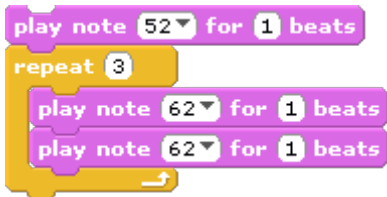
Notes and Repeats Worksheet

Name: _____

1. What does the “play note” block do?
2. What are the 2 things you can change on the play note block?
3. What does the rest block do?
4. What does the repeat block do?

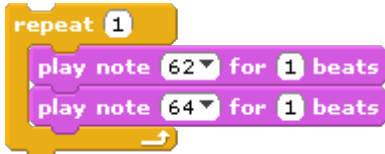
Answer the following questions using Scratch

Write the following script in Scratch to answer questions 5 & 6.



5. How many times does the note 52 play when you run the script?
6. How many times does the note 62 play when you run the script?


Write the following script in Scratch to answer questions 7 & 8.



7. How many times does the note 62 play when you run the script?
8. How many times does the note 64 play when you run the script?

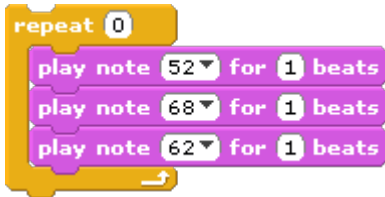
9. Fill in the blanks below that show the order in which the notes play in this script.

60 62 60 62 62



A Scratch script consisting of eight purple 'play note' blocks stacked vertically. Each block has a pitch dropdown menu and a duration input field. The first block has pitch 60 and duration 0.5. The second block has pitch 62 and duration 0.5. The third block has pitch 60 and duration 0.5. The fourth block has pitch 62 and duration 0.5. The fifth block has pitch 60 and duration 0.5. The sixth block has pitch 62 and duration 0.5. The seventh block has pitch 60 and duration 0.5. The eighth block has pitch 62 and duration 0.5.

Write the following script in Scratch to answer question 10.



A Scratch script starting with a yellow 'repeat' block set to 0. Inside the repeat block are three purple 'play note' blocks. The first block has pitch 52 and duration 1. The second block has pitch 68 and duration 1. The third block has pitch 62 and duration 1.

10. How many times does the note 52 play when you run the script?

If you completely finish this worksheet, you may make songs in Scratch using ONLY the following blocks:



Three Scratch blocks listed vertically. The first is a yellow 'repeat' block set to 10. The second is a purple 'play note' block with pitch 60 and duration 0.5. The third is a purple 'rest' block with duration 0.2.