

# Musical Math - Addition

## Instructions:

Solve the problem by using one of the following notes:  $\bigcirc = 4$   $\text{♩} = 2$   $\text{♪} = 1$   $\text{♫} = 1/2$

### Example:

$$\begin{array}{r} \text{♩} = 2 \\ + \text{♩} = 2 \\ \hline \bigcirc = 4 \end{array}$$



- |   |  |  |  |  |  |
|---|--|--|--|--|--|
| 1.<br>$\begin{array}{r} \text{♪} \\ + \text{♪} \\ \hline \end{array}$             | 2.<br>$\begin{array}{r} \text{♫} \\ + \text{♫} \\ \hline \end{array}$              | 3.<br>$\begin{array}{r} \text{♩} \\ + \\ \hline \bigcirc \end{array}$              | 4.<br>$\begin{array}{r} \text{♪} \\ + \\ \hline \text{♩} \end{array}$              | 5.<br>$\begin{array}{r} \text{♩} \\ + \text{♩} \\ \hline \end{array}$              | 6.<br>$\begin{array}{r} \text{♫} \\ + \\ \hline \text{♪} \end{array}$              |
| 6.<br>$\begin{array}{r} \text{♩} \\ \text{♩} \\ + \text{♩} \\ \hline \end{array}$ | 7.<br>$\begin{array}{r} \text{♫} \\ \text{♫} \\ + \\ \hline \text{♩} \end{array}$  | 8.<br>$\begin{array}{r} \text{♩} \\ + \text{♩} \\ \hline \bigcirc \end{array}$     | 9.<br>$\begin{array}{r} \text{♪} \\ \text{♪} \\ + \\ \hline \bigcirc \end{array}$  | 10.<br>$\begin{array}{r} \text{♫} \\ \text{♫} \\ + \text{♩} \\ \hline \end{array}$ | 11.<br>$\begin{array}{r} \text{♪} \\ \text{♩} \\ + \text{♩} \\ \hline \end{array}$ |
| 11.<br>$\begin{array}{r} \text{♫} \\ + \text{♫} \\ \hline \text{♩} \end{array}$   | 12.<br>$\begin{array}{r} \text{♩} \\ \text{♩} \\ + \\ \hline \bigcirc \end{array}$ | 13.<br>$\begin{array}{r} \text{♩} \\ \text{♩} \\ + \text{♩} \\ \hline \end{array}$ | 14.<br>$\begin{array}{r} \text{♩} \\ \text{♫} \\ + \text{♩} \\ \hline \end{array}$ | 15.<br>$\begin{array}{r} \text{♩} \\ + \text{♩} \\ \hline \bigcirc \end{array}$    | 16.<br>$\begin{array}{r} \\ + \text{♩} \\ \hline \bigcirc \end{array}$             |

## Musical Math - Ties

### Instructions:

A “tie” is a symbol, like a piece of rope, which ties two smaller notes together to create a single note with a longer value. Add these tied notes together to determine how long the new note will last. Use the following chart to help you if needed.

$$\circ = 4 \quad \text{♩} = 2 \quad \text{♪} = 1 \quad \text{♫} = 1/2$$

### Example:

$$\begin{array}{c} \text{♩} \text{---} \text{♩} \text{---} \text{♪} = 5 \\ 2 + 2 + 1 \end{array}$$



1.

$$\circ \text{---} \text{♩} =$$

2.

$$\text{♩} \text{---} \text{♩} =$$

3.

$$\text{♪} \text{---} \text{♪} =$$

4.

$$\text{♫} \text{---} \text{♫} =$$

5.

$$\text{♪} \text{---} \text{♫} =$$

6.

$$\text{♩} \text{---} \text{♫} =$$

7.

$$\circ \text{---} \text{♩} =$$

8.

$$\text{♩} \text{---} \text{♩} \text{---} \text{♪} =$$

9.

$$\circ \text{---} \text{♩} \text{---} \text{♩} =$$

10.

$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} =$$

11.

$$\text{♫} \text{---} \text{♫} \text{---} \text{♫} =$$

12.

$$\text{♫} \text{---} \text{♩} \text{---} \text{♩} =$$

13.

$$\circ \text{---} \text{♫} \text{---} \text{♫} =$$

14.

$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} =$$

15.

$$\text{♩} \text{---} \text{♫} \text{---} \text{♫} =$$

16.

$$\text{♫} \text{---} \text{♩} \text{---} \text{♩} =$$

## Musical Math - Rests

**Instructions:**

Add these rests together to get a numeric value. Use the chart to help you if needed.

$$\text{—} = 4 \quad \text{—} = 2 \quad \text{z} = 1 \quad \text{y} = 1/2$$

**Example:**

$$\begin{array}{r} \text{—} = 4 \\ + \text{—} = 4 \\ \hline 8 \end{array}$$



1.

$$\begin{array}{r} \text{—} \\ + \text{z} \\ \hline \end{array}$$

2.

$$\begin{array}{r} \text{z} \\ + \text{z} \\ \hline \end{array}$$

3.

$$\begin{array}{r} \text{—} \\ + \text{z} \\ \hline \end{array}$$

4.

$$\begin{array}{r} \text{y} \\ + \text{y} \\ \hline \end{array}$$

5.

$$\begin{array}{r} \text{z} \\ + \text{y} \\ \hline \end{array}$$

6.

$$\begin{array}{r} \text{—} \\ + \text{—} \\ \hline \end{array}$$

7.

$$\begin{array}{r} \text{z} \\ \text{z} \\ + \text{z} \\ \hline \end{array}$$

8.

$$\begin{array}{r} \text{—} \\ \text{z} \\ + \text{z} \\ \hline \end{array}$$

9.

$$\begin{array}{r} \text{—} \\ \text{y} \\ + \text{y} \\ \hline \end{array}$$

10.

$$\begin{array}{r} \text{y} \\ \text{z} \\ + \text{y} \\ \hline \end{array}$$

11.

$$\begin{array}{r} \text{y} \\ \text{—} \\ + \text{y} \\ \hline \end{array}$$

12.

$$\begin{array}{r} \text{—} \\ \text{y} \\ + \text{y} \\ \hline \end{array}$$