

Melody's Musical Fraction Adventure

Math

Grade 3

Music Theme

Help our musical friends solve fraction problems as they journey through the enchanted Concert Hall!

NAME _____

DATE _____

SCORE _____ / 8

1

Melody the Musician is preparing for a grand concert. She has a whole pizza to share with her band. If she gives $\frac{1}{4}$ of the pizza to the drummer, $\frac{1}{4}$ to the guitarist, and $\frac{1}{4}$ to the bassist, how much pizza is left for herself?

2

Harmony the Harpist is decorating the stage with colorful ribbons. She has a ribbon that is 1 meter long. She cuts it into 4 equal pieces to make bows. What fraction of the original ribbon is each bow?

3

Tempo the Trumpet player is making chocolate chip cookies for the band. The recipe calls for $\frac{2}{8}$ cup of sugar and $\frac{2}{8}$ cup of butter. How much of these two ingredients does he need in total?

4

Rhythm the Drummer has a song that is 8 beats long. The first verse takes up $\frac{3}{8}$ of the song, and the chorus takes up $\frac{2}{8}$ of the song. How much of the song is left for the bridge and outro?

5

Lyric the Lead Singer brought a box of 12 musical notes to give as party favors. She gives away $\frac{1}{3}$ of them to the backup singers. How many musical note favors does she give away?

6

Echo the Saxophone player has a jar of candy. $\frac{1}{2}$ of the jar is filled with red candies and $\frac{1}{4}$ of the jar is filled with blue candies. What fraction of the jar is filled with red and blue candies combined?

7

Crescendo the Conductor is planning rehearsal time. If $\frac{1}{2}$ of the 2-hour practice session is for string instruments and $\frac{1}{4}$ is for wind instruments, how much time is left for percussion?

8

Stella the Violinist baked a cake for the concert celebration. $\frac{2}{6}$ of the cake was chocolate, $\frac{2}{6}$ was vanilla, and $\frac{2}{6}$ was strawberry. Did she use the entire cake, or is there some left over?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Melody the Musician is preparing for a grand concert. She has a whole pizza to share with her band. If she gives $\frac{1}{4}$ of the pizza to the drummer, $\frac{1}{4}$ to the guitarist, and $\frac{1}{4}$ to the bassist, how much pizza is left for herself?

ANSWER

$\frac{1}{4}$

2

Harmony the Harpist is decorating the stage with colorful ribbons. She has a ribbon that is 1 meter long. She cuts it into 4 equal pieces to make bows. What fraction of the original ribbon is each bow?

ANSWER

$\frac{1}{4}$

3

Tempo the Trumpet player is making chocolate chip cookies for the band. The recipe calls for $\frac{2}{8}$ cup of sugar and $\frac{2}{8}$ cup of butter. How much of these two ingredients does he need in total?

ANSWER

$\frac{4}{8}$ or $\frac{1}{2}$

4

Rhythm the Drummer has a song that is 8 beats long. The first verse takes up $\frac{3}{8}$ of the song, and the chorus takes up $\frac{2}{8}$ of the song. How much of the song is left for the bridge and outro?

ANSWER

$\frac{3}{8}$

5

Lyric the Lead Singer brought a box of 12 musical notes to give as party favors. She gives away $\frac{1}{3}$ of them to the backup singers. How many musical note favors does she give away?

ANSWER

4

6

Echo the Saxophone player has a jar of candy. $\frac{1}{2}$ of the jar is filled with red candies and $\frac{1}{4}$ of the jar is filled with blue candies. What fraction of the jar is filled with red and blue candies combined?

ANSWER

$\frac{3}{4}$

7

Crescendo the Conductor is planning rehearsal time. If $\frac{1}{2}$ of the 2-hour practice session is for string instruments and $\frac{1}{4}$ is for wind instruments, how much time is left for percussion?

ANSWER

30 minutes or $\frac{1}{4}$ of the session

8

Stella the Violinist baked a cake for the concert celebration. $\frac{2}{6}$ of the cake was chocolate, $\frac{2}{6}$ was vanilla, and $\frac{2}{6}$ was strawberry. Did she use the entire cake, or is there some left over?

ANSWER

She used the entire cake ($\frac{2}{6} + \frac{2}{6} + \frac{2}{6} = \frac{6}{6} = 1$ whole cake)