

Musical Stages & Concert Halls: An Area Adventure

Math

Grade 3

Music Theme

Help your favorite music characters find the area of their stages and concert spaces by solving these exciting musical area adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Melody the Mouse is building a rectangular stage for her grand piano concert. The stage is 8 meters long and 5 meters wide. What is the area of Melody's concert stage?

2

Harmony the Harp player discovers a square-shaped concert hall with sides that are 6 meters long. She needs to know the area to arrange her orchestra. What is the area of the concert hall?

3

Rhythm the Raccoon is designing a rectangular dance floor for the Music Festival. It measures 12 meters by 4 meters. Calculate the area so Rhythm knows how much space dancers will have!

4

Beatrice the Bird wants to tile her square recording studio floor. Each side of the studio is 7 meters. What is the total area Beatrice needs to cover with tiles?

5

Composer the Cat is planning a rectangular outdoor amphitheater for a summer concert series. The amphitheater is 15 meters long and 9 meters wide. What is the area of the amphitheater?

6

Sonata the Swan needs to cover a square rehearsal room with new flooring. The room has sides of 8 meters each. What is the area of the room that needs new flooring?

7

Jazz the Jaguar is painting a rectangular mural on the wall of the Music Academy. The mural is 10 meters wide and 6 meters tall. What is the area of Jazz's beautiful mural?

8

Echo the Elephant is creating a square garden near the music pavilion where musicians can rest. Each side of the garden is 11 meters long. What is the total area of Echo's garden?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Melody the Mouse is building a rectangular stage for her grand piano concert. The stage is 8 meters long and 5 meters wide. What is the area of Melody's concert stage?

ANSWER

40 square meters

2

Harmony the Harp player discovers a square-shaped concert hall with sides that are 6 meters long. She needs to know the area to arrange her orchestra. What is the area of the concert hall?

ANSWER

36 square meters

3

Rhythm the Raccoon is designing a rectangular dance floor for the Music Festival. It measures 12 meters by 4 meters. Calculate the area so Rhythm knows how much space dancers will have!

ANSWER

48 square meters

4

Beatrice the Bird wants to tile her square recording studio floor. Each side of the studio is 7 meters. What is the total area Beatrice needs to cover with tiles?

ANSWER

49 square meters

5

Composer the Cat is planning a rectangular outdoor amphitheater for a summer concert series. The amphitheater is 15 meters long and 9 meters wide. What is the area of the amphitheater?

ANSWER

135 square meters

6

Sonata the Swan needs to cover a square rehearsal room with new flooring. The room has sides of 8 meters each. What is the area of the room that needs new flooring?

ANSWER

64 square meters

7

Jazz the Jaguar is painting a rectangular mural on the wall of the Music Academy. The mural is 10 meters wide and 6 meters tall. What is the area of Jazz's beautiful mural?

ANSWER

60 square meters

8

Echo the Elephant is creating a square garden near the music pavilion where musicians can rest. Each side of the garden is 11 meters long. What is the total area of Echo's garden?

ANSWER

121 square meters