

The Great Art Gallery Quest: Adventures in Math

Math

Grade 4

Art Theme

Help the artists of Colorful Castle solve their magical math mysteries as they prepare for the Grand Exhibition!

NAME _____

DATE _____

SCORE _____ / 8

1

Bella the painter is creating a beautiful mural with brushstrokes of every color. She paints 8 red brushstrokes on Monday, 12 blue brushstrokes on Tuesday, and 15 yellow brushstrokes on Wednesday. How many total brushstrokes does Bella paint across the three days?

2

Marco the master sculptor is carving magical stone statues for the palace garden. He completes 3 statues in the first week and 4 statues in the second week. If each statue takes 2 hours to carve, how many hours does Marco spend carving statues in the two weeks?

3

Sofia the glass artist is making beautiful stained glass windows for the Grand Hall. She has 96 pieces of colored glass and wants to divide them equally among 6 different windows. How many pieces of glass will each window have?

4

Leonardo the portrait painter receives orders for paintings. A portrait takes him 5 days to complete, and a still life takes him 3 days. If he completes 2 portraits and 3 still lifes this month, how many total days does he spend painting?

5

Amara the jewelry designer is creating golden crowns for the Royal Exhibition. She uses 15 gemstones for each crown and has 4 crowns to complete. How many gemstones does she need in total?

6

Theo the mosaic artist is decorating a floor with colorful tiles. He starts with 250 tiles and uses 35 tiles on the first section, 48 tiles on the second section, and 67 tiles on the third section. How many tiles does Theo have remaining?

7

Iris the ceramic artist creates beautiful pottery bowls. She makes 7 bowls each week. If she works for 8 weeks before the Art Festival, how many bowls will she have created?

8

Diego the mural master is mixing paint colors for his masterpiece. He mixes 24 liters of blue paint and 36 liters of green paint. He wants to divide this mixture equally into 12 paint containers for his team. How many liters of paint will be in each container?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Bella the painter is creating a beautiful mural with brushstrokes of every color. She paints 8 red brushstrokes on Monday, 12 blue brushstrokes on Tuesday, and 15 yellow brushstrokes on Wednesday. How many total brushstrokes does Bella paint across the three days?

ANSWER

35 brushstrokes

2

Marco the master sculptor is carving magical stone statues for the palace garden. He completes 3 statues in the first week and 4 statues in the second week. If each statue takes 2 hours to carve, how many hours does Marco spend carving statues in the two weeks?

ANSWER

14 hours

3

Sofia the glass artist is making beautiful stained glass windows for the Grand Hall. She has 96 pieces of colored glass and wants to divide them equally among 6 different windows. How many pieces of glass will each window have?

ANSWER

16 pieces of glass

4

Leonardo the portrait painter receives orders for paintings. A portrait takes him 5 days to complete, and a still life takes him 3 days. If he completes 2 portraits and 3 still lifes this month, how many total days does he spend painting?

ANSWER

19 days

5

Amara the jewelry designer is creating golden crowns for the Royal Exhibition. She uses 15 gemstones for each crown and has 4 crowns to complete. How many gemstones does she need in total?

ANSWER

60 gemstones

6

Theo the mosaic artist is decorating a floor with colorful tiles. He starts with 250 tiles and uses 35 tiles on the first section, 48 tiles on the second section, and 67 tiles on the third section. How many tiles does Theo have remaining?

ANSWER

100 tiles

7

Iris the ceramic artist creates beautiful pottery bowls. She makes 7 bowls each week. If she works for 8 weeks before the Art Festival, how many bowls will she have created?

ANSWER

56 bowls

8

Diego the mural master is mixing paint colors for his masterpiece. He mixes 24 liters of blue paint and 36 liters of green paint. He wants to divide this mixture equally into 12 paint containers for his team. How many liters of paint will be in each container?

ANSWER

5 liters