The Painted Gallery: A Decimal Adventure with Artist Friends

Math · Grade 4 · Art Theme

🎨 Help your artist friends solve decimal problems as they create magical paintings and explore the art gallery!

NAME _____

DATE _____

SCORE _____ / 8

1

Pablo the painter is mixing colors for his masterpiece. He uses 2.5 liters of blue paint and 1.3 liters of yellow paint to create the perfect green. How many liters of paint did Pablo mix together?

2

Frida is creating a mural and needs to divide her canvas into sections. She has 4.8 meters of canvas and wants to cut it into 2 equal pieces for her twin self-portraits. How long will each piece be?

3

At the art gallery, Maya the sculptor is stacking marble blocks. She stacks blocks that are 0.7 meters tall, and she makes a tower with 5 blocks. How tall is Maya's sculpture tower?

4

Vincent the art student is organizing his paintbrush collection. He has 6 brushes that weigh 0.25 kilograms each. What is the total weight of all his brushes?

5

Leonardo is designing a geometric pattern for his artwork. He needs string that is 7.2 meters long, but he only has 3.6 meters. How much more string does Leonardo need to complete his design?

6

Michelangelo is painting a ceiling mural and fills his paint bucket with 8.5 liters of paint. After a long day of painting, he has used 3.2 liters. How much paint remains in his bucket?

7

Anita the artist is displaying her artwork in the gallery. Each of her 8 paintings costs 12.5 dollars to frame. What is the total cost to frame all of her paintings?

8

Jackson the abstract artist is creating a mixed media piece. He combines three different materials: 4.25 kilograms of clay, 2.75 kilograms of wood, and 1.5 kilograms of metal. What is the total weight of his art installation?

Answer Key

1

Pablo the painter is mixing colors for his masterpiece. He uses 2.5 liters of blue paint and 1.3 liters of yellow paint to create the perfect green. How many liters of paint did Pablo mix together?

ANSWER

3.8 liters

2

Frida is creating a mural and needs to divide her canvas into sections. She has 4.8 meters of canvas and wants to cut it into 2 equal pieces for her twin self-portraits. How long will each piece be?

ANSWER

2.4 meters

3

At the art gallery, Maya the sculptor is stacking marble blocks. She stacks blocks that are 0.7 meters tall, and she makes a tower with 5 blocks. How tall is Maya's sculpture tower?

ANSWER

3.5 meters

4

Vincent the art student is organizing his paintbrush collection. He has 6 brushes that weigh 0.25 kilograms each. What is the total weight of all his brushes?

ANSWER

1.5 kilograms

5

Leonardo is designing a geometric pattern for his artwork. He needs string that is 7.2 meters long, but he only has 3.6 meters. How much more string does Leonardo need to complete his design?

ANSWER

3.6 meters

6

Michelangelo is painting a ceiling mural and fills his paint bucket with 8.5 liters of paint. After a long day of painting, he has used 3.2 liters. How much paint remains in his bucket?

ANSWER

5.3 liters

7

Anita the artist is displaying her artwork in the gallery. Each of her 8 paintings costs 12.5 dollars to frame. What is the total cost to frame all of her paintings?

ANSWER

100 dollars

8

Jackson the abstract artist is creating a mixed media piece. He combines three different materials: 4.25 kilograms of clay, 2.75 kilograms of wood, and 1.5 kilograms of metal. What is the total weight of his art installation?

ANSWER

8.5 kilograms