Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 3 of 10

Read each problem. Write an addition or subtraction equation with mixed numbers and solve it. Regroup when you need to. Include the unit in your answer.

1. A painter used 4 1/3 gallons of white paint and 4 1/3 gallons of blue paint. How much paint was used?

Equation: **4 1/3 + 4 1/3 = 8 2/3** Answer: **8 2/3 gallons**

2. A recipe uses 3 1/3 cups of flour for bread and 4 1/3 cups for muffins. How many cups of flour is that in all?

Equation: **3 1/3 + 4 1/3 = 7 2/3** Answer: **7 2/3 cups**

3. Sam has a rope 4 1/3 yards long and ties on another piece 1 2/3 yards long. How long is the rope now?

Equation: **4 1/3 + 1 2/3 = 6** Answer: **6 yards**

4. Ava had 4 1/5 meters of ribbon and used 2 3/5 meters to wrap a box. How much ribbon is left?

Equation: **4 1/5 – 2 3/5 = 1 3/5** Answer: **1 3/5 meters**

5. A pitcher held 6 1/5 quarts of juice. The class drank 4 2/5 quarts. How much juice is left?

Equation: **6 1/5 – 4 2/5 = 1 4/5** Answer: **1 4/5 quarts**

6. Rosa's sunflower is 5 3/5 feet tall. Its bean plant is 3 2/5 feet tall. How much taller is the sunflower?

Equation: **5 3/5 – 3 2/5 = 2 1/5** Answer: **2 1/5 feet**

7. Ivy had a board 6 2/3 feet long and cut off 3 1/3 feet. How long is the board now?

Equation: **6 2/3 – 3 1/3 = 3 1/3** Answer: **3 1/3 feet**

8. Mia hiked 5 2/3 miles in the morning and 2 2/3 miles after lunch. How far did Mia hike?

Equation: **5 2/3 + 2 2/3 = 8 1/3** Answer: **8 1/3 miles**