Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 8 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 pitcher held 4 1/5 quarts of juice. The class drank 1 4/5 quarts. How much juice is left?

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

2. Rosa had a board 5 2/5 feet long and cut off 2 1/5 feet. How long is the board now?

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

3. Sam's sunflower is 6 2/5 feet tall. Its bean plant is 5 1/5 feet tall. How much taller is the sunflower?

Equation: **6 2/5 – 5 1/5 = 1 1/5** Answer: **1 1/5 feet**

4. Omar hiked 2 2/5 miles in the morning and 1 4/5 miles after lunch. How far did Omar hike?

Equation: **2 2/5 + 1 4/5 = 4 1/5** Answer: **4 1/5 miles**

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

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

6. A painter used 2 1/5 gallons of white paint and 1 2/5 gallons of blue paint. How much paint was used?

Equation: **2 1/5 + 1 2/5 = 3 3/5** Answer: **3 3/5 gallons**

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

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

8. 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**