Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 9 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. Sam had 6 1/3 meters of ribbon and used 3 2/3 meters to wrap a box. How much ribbon is left?

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

2. Omar has a rope 3 7/8 yards long and ties on another piece 3 1/8 yards long. How long is the rope now?

Equation: **3 7/8 + 3 1/8 = 7** Answer: **7 yards**

3. Ava's sunflower is 4 3/5 feet tall. Its bean plant is 2 2/5 feet tall. How much taller is the sunflower?

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

4. A pitcher held 5 1/3 quarts of juice. The class drank 1 2/3 quarts. How much juice is left?

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

5. A painter used 3 3/5 gallons of white paint and 4 1/5 gallons of blue paint. How much paint was used?

Equation: **3 3/5 + 4 1/5 = 7 4/5** Answer: **7 4/5 gallons**

6. Ben hiked 3 2/5 miles in the morning and 2 4/5 miles after lunch. How far did Ben hike?

Equation: **3 2/5 + 2 4/5 = 6 1/5** Answer: **6 1/5 miles**

7. A recipe uses 2 1/5 cups of flour for bread and 4 3/5 cups for muffins. How many cups of flour is that in all?

Equation: **2 1/5 + 4 3/5 = 6 4/5** Answer: **6 4/5 cups**

8. Nora had a board 3 3/5 feet long and cut off 1 2/5 feet. How long is the board now?

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