Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 7 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. Ivy had a board 5 4/5 feet long and cut off 1 3/5 feet. How long is the board now?

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

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

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

3. A recipe uses 6 1/5 cups of flour for bread and 1 1/5 cups for muffins. How many cups of flour is that in all?

Equation: **6 1/5 + 1 1/5 = 7 2/5** Answer: **7 2/5 cups**

4. Kai has a rope 6 2/3 yards long and ties on another piece 1 1/3 yards long. How long is the rope now?

Equation: **6 2/3 + 1 1/3 = 8** Answer: **8 yards**

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

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

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

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

7. 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**

8. A painter used 6 1/3 gallons of white paint and 1 1/3 gallons of blue paint. How much paint was used?

Equation: **6 1/3 + 1 1/3 = 7 2/3** Answer: **7 2/3 gallons**