Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 6 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. Zoe had a board 2 2/5 feet long and cut off 1 1/5 feet. How long is the board now?

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

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

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

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

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

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

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

5. A pitcher held 6 1/3 quarts of juice. The class drank 3 2/3 quarts. How much juice is left?

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

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

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

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

Equation: **5 1/3 + 1 2/3 = 7** Answer: **7 yards**

8. A painter used 5 1/3 gallons of white paint and 2 1/3 gallons of blue paint. How much paint was used?

Equation: **5 1/3 + 2 1/3 = 7 2/3** Answer: **7 2/3 gallons**