Name: _____ Date: _____

Mixed Number Word Problems

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 5 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. Leo had a board 3 2/3 feet long and cut off 1 1/3 feet. How long is the board now?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

6. A painter used 5 2/5 gallons of white paint and 4 2/5 gallons of blue paint. How much paint was used?

Equation: _____ Answer: _____

7. 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: _____ Answer: _____

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

Equation: _____ Answer: _____

Mixed Number Word Problems - ANSWER KEY

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

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

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

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

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

Equation: **3 2/5 + 4 4/5 = 8 1/5** Answer: **8 1/5 miles**

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

Equation: **6 2/5 – 3 3/5 = 2 4/5** Answer: **2 4/5 quarts**

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

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

6. A painter used 5 2/5 gallons of white paint and 4 2/5 gallons of blue paint. How much paint was used?

Equation: **5 2/5 + 4 2/5 = 9 4/5** Answer: **9 4/5 gallons**

7. 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**

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

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