Name: _____ Date: _____

Mixed Number Word Problems

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

6. A recipe uses 4 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: _____

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

Equation: _____ Answer: _____

8. Sam had 5 2/5 meters of ribbon and used 3 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. Zoe had a board 5 2/3 feet long and cut off 2 1/3 feet. How long is the board now?

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

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

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

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

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

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

Equation: **6 2/5 – 4 3/5 = 1 4/5** Answer: **1 4/5 quarts**

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

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

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

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

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

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

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

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