Name: _____ Date: _____

Mixed Number Word Problems

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

3. A painter used 3 1/5 gallons of white paint and 4 2/5 gallons of blue paint. How much paint was used?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

Mixed Number Word Problems - ANSWER KEY

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

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

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

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

3. A painter used 3 1/5 gallons of white paint and 4 2/5 gallons of blue paint. How much paint was used?

Equation: **3 1/5 + 4 2/5 = 7 3/5** Answer: **7 3/5 gallons**

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

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

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

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

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

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

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

Equation: **4 2/3 + 2 2/3 = 7 1/3** Answer: **7 1/3 miles**

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

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