Name: _____ Date: _____

Mixed Number Word Problems

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 4 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. Kai's sunflower is 3 2/5 feet tall. Its bean plant is 1 1/5 feet tall. How much taller is the sunflower?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

3. A pitcher held 3 1/5 quarts of juice. The class drank 1 4/5 quarts. How much juice is left?

Equation: _____ Answer: _____

4. A recipe uses 3 1/5 cups of flour for bread and 2 3/5 cups for muffins. How many cups of flour is that in all?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

6. Jude had a board 2 2/5 feet long and cut off 1 1/5 feet. How long is the board now?

Equation: _____ Answer: _____

7. Tess has a rope 2 4/5 yards long and ties on another piece 1 1/5 yards long. How long is the rope now?

Equation: _____ Answer: _____

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

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

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

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

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

3. A pitcher held 3 1/5 quarts of juice. The class drank 1 4/5 quarts. How much juice is left?

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

4. A recipe uses 3 1/5 cups of flour for bread and 2 3/5 cups for muffins. How many cups of flour is that in all?

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

5. Zoe 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**

6. Jude 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**

7. Tess has a rope 2 4/5 yards long and ties on another piece 1 1/5 yards long. How long is the rope now?

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

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

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