Mixed Number Word Problems - ANSWER KEY

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: **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**

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**

Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 3 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. A painter used 4 1/3 gallons of white paint and 4 1/3 gallons of blue paint. How much paint was used?

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

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

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

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

Equation: **4 1/3 + 1 2/3 = 6** Answer: **6 yards**

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

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

5. A pitcher held 6 1/5 quarts of juice. The class drank 4 2/5 quarts. How much juice is left?

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

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

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

7. Ivy had a board 6 2/3 feet long and cut off 3 1/3 feet. How long is the board now?

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

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

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

Mixed Number Word Problems - ANSWER KEY

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: **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**

Mixed Number Word Problems - ANSWER KEY

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: **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**

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**

Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 7 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. Ivy had a board 5 4/5 feet long and cut off 1 3/5 feet. How long is the board now?

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

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

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

3. 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**

4. Kai has a rope 6 2/3 yards long and ties on another piece 1 1/3 yards long. How long is the rope now?

Equation: **6 2/3 + 1 1/3 = 8** Answer: **8 yards**

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

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

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

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

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

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

8. A painter used 6 1/3 gallons of white paint and 1 1/3 gallons of blue paint. How much paint was used?

Equation: **6 1/3 + 1 1/3 = 7 2/3** Answer: **7 2/3 gallons**

Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 8 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. A pitcher held 4 1/5 quarts of juice. The class drank 1 4/5 quarts. How much juice is left?

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

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

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

3. Sam's sunflower is 6 2/5 feet tall. Its bean plant is 5 1/5 feet tall. How much taller is the sunflower?

Equation: **6 2/5 – 5 1/5 = 1 1/5** Answer: **1 1/5 feet**

4. Omar hiked 2 2/5 miles in the morning and 1 4/5 miles after lunch. How far did Omar hike?

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

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

Equation: **4 2/3 + 1 1/3 = 6** Answer: **6 yards**

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

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

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

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

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

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

Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 9 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. Sam had 6 1/3 meters of ribbon and used 3 2/3 meters to wrap a box. How much ribbon is left?

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

2. Omar has a rope 3 7/8 yards long and ties on another piece 3 1/8 yards long. How long is the rope now?

Equation: **3 7/8 + 3 1/8 = 7** Answer: **7 yards**

3. Ava's sunflower is 4 3/5 feet tall. Its bean plant is 2 2/5 feet tall. How much taller is the sunflower?

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

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

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

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

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

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

Equation: **3 2/5 + 2 4/5 = 6 1/5** Answer: **6 1/5 miles**

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

Equation: **2 1/5 + 4 3/5 = 6 4/5** Answer: **6 4/5 cups**

8. Nora had a board 3 3/5 feet long and cut off 1 2/5 feet. How long is the board now?

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

Mixed Number Word Problems - ANSWER KEY

Grade 4 | Solving word problems that add and subtract mixed numbers with like denominators | Version 10 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. A recipe uses 6 1/5 cups of flour for bread and 4 3/5 cups for muffins. How many cups of flour is that in all?

Equation: **6 1/5 + 4 3/5 = 10 4/5** Answer: **10 4/5 cups**

2. A painter used 6 1/3 gallons of white paint and 2 1/3 gallons of blue paint. How much paint was used?

Equation: **6 1/3 + 2 1/3 = 8 2/3** Answer: **8 2/3 gallons**

3. Ivy hiked 5 2/5 miles in the morning and 1 4/5 miles after lunch. How far did Ivy hike?

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

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

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

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

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

6. Max has a rope 6 1/5 yards long and ties on another piece 4 4/5 yards long. How long is the rope now?

Equation: **6 1/5 + 4 4/5 = 11** Answer: **11 yards**

7. Ava had a board 4 2/3 feet long and cut off 1 1/3 feet. How long is the board now?

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

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**