Study the lessons on *Fractions* at Prealgebra2go. Watch the videos and practice the homework sets. You can check your understanding with the topic quizzes at the far right at the website. Then work with a partner and finish this worksheet. After you are finished, check your answers with the answers at the bottom of the page. Professor Perez does not change improper fractions to mixed numbers. Check with you teacher if you should change improper fractions. <https://www.saddleback.edu/faculty/lperez/algebra2go/prealgebra/index.html>

Perform each addition or subtraction operation.

1. 1/3 + 5/6 =
2. 7/4 – 1/2-- 13/6 =
3. 1/10 – 2/5 + 5/3 =
4. 4/5 – 1/6 -3/4 =

Reduce each fraction to lowest terms

1. 4/6 =
2. -3/12 =
3. 8/6 =

Perform each multiplication operation.

1. 3/2 ⦁ 3/4 =
2. -2/9 ⦁ 8/5 =

Perform each division operation.

1. 10 ÷ 5/3 =
2. 7/12 ÷ 5/4 =
3. 3/10 ÷ 2 ÷ 9/10 =

Simplify each answer.

1. 7/9 ÷ 4/3 + 3/8 =
2. 3/4+ (-6/5) – 7/10 =

Find each product.

1. 10(3/5) =
2. 6(3/2) =

Answers: 1) 7/6 2) -11/12 3) 41/30 4) -7/60 5) 2/3 6) -1/4 7) 4/3 8) 9/8 9) -16/45 10) 6 11) 7/15 12) 1/6 13) 23/24 14) -23/20 15) 6 16) 9