

Changing Fractions to Decimals

Divide the top number by the bottom number. Round the answer to the place value indicated in parentheses.

1. $\frac{3}{7}$ (tenth)

2. $\frac{5}{8}$ (hundredths)

3. $\frac{16}{3}$ (tenths)

4. $\frac{5}{12}$ (thousandths)

5. $7\frac{3}{4}$ (hundredths)

6. $\frac{68}{13}$ (tenths)

Now we will solve equations, but give our answers as decimals rounded to the nearest tenth, if necessary.

7. $-2x+7=-9x-11$

8. $-20x+3=-4x-7$

9. $\frac{3}{x} = \frac{-5}{12}$

10. $-5(2x-4)+3=3(x+5)+7$

11. $\frac{6}{3x-2} = \frac{-5}{2x-9}$

12. $-5(2x-1)+7=-15$

Your teacher will continue to make up equations for you to solve until time runs out of class.