

You have 15 minutes to complete this quiz. Do all of the following problems on a blank piece of paper. Please number each problem and clearly show your work. You do not need to write any answers on this page. When you are finished, staple this page on *top* and turn it in.

For numbers 1-4, perform the indicated calculations. Simplify your answers as much as possible.

1. $\frac{5}{24} + \frac{3}{8} - \frac{1}{3} = \frac{1}{4}$

3. $\frac{5}{18} \times \frac{24}{25} = \frac{4}{15}$

2. $3\frac{1}{9} - 2\frac{2}{3} = \frac{4}{9}$

4. $\frac{14}{5} \div \frac{2}{7} = \frac{49}{5}$ or $9\frac{4}{5}$

5. Fran had 10 free hours last weekend. She decided to dedicate $\frac{3}{4}$ of her free time to studying. How many hours did she study last weekend? Please include a unit of measure in your answer.

She studied 7 ½ hours.

6. Change the fraction to a decimal: $\frac{5}{8} = 0.625$

For numbers 7-10, perform the indicated calculations

7. $2.5 - 1.42 = 1.08$

9. $0.03222 \div 0.09 = 0.358$

8. $7.12 \times 2.6 = 18.512$

10. $65.41 \div 100 = 0.6541$