



Prealgebra Practice Test
Unit 3: Fractions and Mixed Numbers

Name _____

Date _____

1. Reduce $\frac{150}{294}$ to lowest terms.

2. Write $\frac{5}{7}$ as an equivalent fraction with a denominator of 14.

3. Simplify: $12 + \frac{11}{5} \div \frac{11}{65}$

4. A family saves $\frac{2}{15}$ of their \$1,620 income each month. How much money do they save each month?

5. Add: $\frac{4}{5} + \frac{5}{6}$

6. Change $3\frac{4}{7}$ to an improper fraction.

7. Divide: $4\frac{1}{5} \div 3\frac{1}{2}$
(Write your answer as a mixed number or a proper fraction.)

8. An automobile gas tank holds $20\frac{1}{5}$ gallons of gasoline. The gauge indicates the tank is $\frac{3}{4}$ full. How many gallons of gasoline are in the tank?

9. Subtract: $7\frac{5}{8} - 3\frac{3}{4}$

10. Simplify: $\frac{\frac{1}{5} + \frac{2}{3}}{\frac{2}{5} + \frac{3}{4}}$