

1. What is the greatest common factor of 126 and 18?
2. Reduce to lowest terms: $\frac{18}{126}$
3. What is the least common multiple of 22 and 14?
4. Find the least common denominator of the following fractions: $\frac{5}{22}$, $\frac{9}{14}$
5. Change the improper fraction to a mixed number in lowest terms: $\frac{98}{12}$
6. Change the mixed number to an improper fraction in lowest terms: $6\frac{1}{4}$
7. Simplify. Make sure your final answer is in lowest terms: $\frac{13}{36} - \frac{5}{36}$
8. Simplify. Make sure your final answer is in lowest terms: $\frac{3}{10} + \frac{1}{8}$
9. Bonus: Macy's is advertising $\frac{1}{7}$ off all fall clothing. Bloomingdale's is advertising $\frac{1}{5}$ off. Which store is offering the bigger discount? (Justify your answer.)