

## Pre-Algebra Placement Test

**Directions:** Do not use a calculator. Show your work and circle your answers.

1. Find the least common multiple of 12 and 21.
2. A road crew can pave 0.8 mile of road every day. How long will it take to pave 1.2 miles?
3. Write  $\frac{4}{5}$  as a decimal and as a percent.
4. 24% of what number is 60?
5. Sam traveled at an average rate of 42 miles per hour for 0.7 hours. How far did he travel?
6. Simplify.  $30 \div 3 + 7 - 2^2$
7. Find the perimeter of a rectangle with sides of  $\frac{1}{8}$  ft and  $\frac{3}{4}$  ft.
8. Convert 63 ft to inches.
9. Find the area of a rectangle with sides of 34 ft and 56 ft.
10. Find the average of 5,6,7,9,13.