

Prealgebra Review #5: Mixed Numbers & Applications

Write the improper fraction as a mixed number.

1) $\frac{37}{6}$

Write the mixed number as an improper fraction.

2) $7\frac{3}{7}$

Perform the indicated operation. Write the answer in lowest terms.

3) $4\frac{3}{8} \cdot 2\frac{1}{6}$

4) $3\frac{3}{4} \div 6\frac{1}{12}$

5) $6\frac{1}{2} + 11\frac{2}{7}$

6) $16\frac{1}{5} - 8\frac{2}{5}$

Solve. Write the answer in simplest form.

- 7) Jeffrey has two packages. One weighs $2\frac{2}{3}$ ounces, and the other weighs $\frac{5}{8}$ ounces. What is the total weight of the two packages?

Solve the problem.

- 8) If John puts $\frac{3}{4}$ lb of roast beef on each sandwich, how many sandwiches can he make from $3\frac{3}{4}$ lb of roast beef?

- 9) Anne writes one page in $\frac{2}{3}$ of an hour. How many pages can she write in $3\frac{1}{3}$ hours?

- 10) Find the perimeter of the triangle in the figure.

