Sec 3.5 Addition and Subtraction Using Mixed Numerals

Add. Write a mixed numeral for the answer.

1) $7 + 3\frac{1}{4}$

2) $12\frac{1}{8} + 19\frac{1}{2}$

3) $8\frac{4}{7} + 4\frac{3}{7}$

4) $50 + 7\frac{1}{7}$

5) $6\frac{4}{5} + 20\frac{1}{5} + 6\frac{3}{5}$

6) $6\frac{1}{2} + 3\frac{5}{6} + 3\frac{4}{5}$

Subtract. Write a mixed numeral for the answer.

7) $14\frac{1}{7} - 9\frac{4}{7}$

8) $14 - 6\frac{6}{7}$

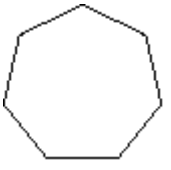
9) $14\frac{7}{12} - 1$

Solve. Write a mixed numeral for the answer.

10) Annie must send two packages. One of the packages weighs $5\frac{1}{2}$ lb and the other weighs $16\frac{1}{9}$ lb. What is the total weight of the two packages?

11) Derek spent $3\frac{3}{4}$ hours studying for his math exam and another $6\frac{5}{16}$ hours doing his math homework. How long did he spend on math in total?

12) Find the perimeter (distance around) of the polygon below. Each side of the polygon has the same length.



side length = $3\frac{4}{5}$ yd