Homework 14.

1. Represent decimal as fraction:
   $0.3, 0.05, 1.37, 2.5, 1.0001$

2. Represent the fraction as decimal:
   Examples:
   $\frac{2}{5}=\frac{2\cdot 2}{5\cdot 2}=\frac{4}{10}=0.4; \frac{3}{20}=\frac{3}{10\cdot 2}=\frac{3\cdot 5}{2\cdot 10\cdot 5}=\frac{15}{100}=0.15$
   $\frac{9}{5}=\frac{9\cdot 2}{5\cdot 2}=\frac{18}{10}=\frac{10}{10}+\frac{8}{10}=1.8$

   $\frac{5}{8}; \frac{2}{5}; \frac{3}{10}; \frac{17}{8};$

3. Evaluate the sums by the most convenient way.
   $a. 2\frac{1}{4}+2\frac{1}{2}+3\frac{1}{4}+3\frac{1}{2}+4\frac{1}{4}+4\frac{1}{2}+5\frac{1}{4}+5\frac{1}{2}$

   $b. 1\frac{1}{3}+4\frac{1}{6}+1\frac{3}{4}+2\frac{2}{3}+3\frac{1}{4}$

4. Evaluate the differences:

   $a. 4\frac{1}{5}-2\frac{3}{10}; b. 7\frac{1}{9}-4\frac{1}{3}; c. 2\frac{2}{7}-1\frac{3}{5}; d. 6\frac{1}{4}-3\frac{2}{5}$

5. Solve the following equations:
   a) $3x + 5 = 26$

   b) $5x - 7 = 23$

   c) $4x + 8 = 8$

   d) $2x – 7 = 4$