Adding and Subtracting: Unlike Denominators

Find each sum or difference. Simplify your answer.

1. $\frac{5}{6} + \frac{4}{12} =$ _____

2. $\frac{4}{5} - \frac{1}{10} =$ _____

3. $\frac{5}{12} + \frac{2}{3} =$ _____

4. $\frac{9}{20} + \frac{3}{5} =$ _____

5. $\frac{6}{16} - \frac{1}{4} =$ _____

6. $\frac{19}{21} - \frac{2}{7} =$ _____

7. $\frac{2}{5} + \frac{5}{20} =$ _____

8. $\frac{8}{9} - \frac{5}{12} =$ _____

9. $\frac{7}{8} + \frac{11}{24} - \frac{5}{6} =$ _____

10. Number Sense Is $\frac{7}{8}$ or $\frac{11}{10}$ closer to 1? How did you decide?

_____

_____

Emma has a small garden. Emma's garden is $\frac{1}{5}$ beans, $\frac{1}{8}$ peas, and $\frac{1}{2}$ corn. The rest is planted with flowers.

11. What fraction of Emma's garden is planted with vegetables?

_____

_____

12. Are there more flowers or peas in Emma's garden?

_____

_____

13. To solve the subtraction sentence $\frac{17}{10} - \frac{2}{5} = ?$, which common denominator is the best choice?

    A 10

    B 15

    C 20

    D 50

14. Writing to Explain To find the sum of $\frac{4}{9}$ and $\frac{7}{12}$, Mario rewrites the fractions as $\frac{8}{36}$ and $\frac{21}{36}$. His answer is $\frac{29}{36}$. Is Mario right? If not, show his error and correct it.

_____

_____