Subtracting Fractions with Unlike Denominators

Find the difference. Simplify if necessary.

1. $\frac{10}{12} - \frac{1}{4}$ _____

2. $\frac{9}{10} - \frac{3}{5}$ _____

3. $\frac{7}{8} - \frac{2}{6}$ _____

4. $\frac{7}{12} - \frac{1}{4}$ _____

5. $\frac{4}{5} - \frac{1}{3}$ _____

6. $\frac{2}{3} - \frac{1}{6}$ _____

7. $\frac{4}{8} - \frac{1}{4}$ _____

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

9. $\frac{9}{9} - \frac{2}{3}$ _____

10. $\frac{9}{15} - \frac{1}{3}$ _____

11. $\frac{4}{12} - \frac{1}{6}$ _____

12. $\frac{14}{20} - \frac{3}{5}$ _____

13. The pet shop owner told Jean to fill her new fish tank $\frac{3}{4}$ full with water. Jean filled it $\frac{9}{12}$ full. What fraction of the tank does Jean still need to fill? _____

14. Paul's dad made a turkey potpie for dinner on Wednesday. The family ate $\frac{4}{8}$ of the pie. On Thursday after school, Paul ate $\frac{2}{16}$ of the pie for a snack. What fraction of the pie remained? _____

15. Gracie read 150 pages of a book. The book is 227 pages long. Which equation shows the amount she still needs to read to finish the story?

A $150 - n = 227$

C $n - 150 = 227$

B $227 + 150 = n$

D $n + 150 = 227$

16. Why do fractions need to have a common denominator before you add or subtract them?

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