Name _____

Explore Subtracting Fractions with Unlike Denominators

12-7 RETEACH

You can use fraction strips to find equivalent fractions before you subtract fractions with unlike denominators.

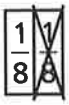
Subtract $\frac{1}{4} - \frac{1}{8}$.

Compare fourths to eighths:

$\frac{2}{8}$ is equivalent to $\frac{1}{4}$.

Subtract the eighths.

$\frac{2}{8} - \frac{1}{8} = \frac{1}{8}$



So, $\frac{1}{4} - \frac{1}{8} = \frac{1}{8}$.

Subtract. You may use fraction strips to help you. Write each difference in simplest form.

1. $\frac{1}{2} - \frac{2}{12} =$ ____

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

3. $\frac{3}{4} - \frac{1}{2} =$ ____

4. $\frac{7}{12} - \frac{1}{3} =$ ____

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

6. $\frac{5}{6} - \frac{1}{3} =$ ____

7. $\frac{1}{2} - \frac{3}{10} =$ ____

8. $\frac{5}{6} - \frac{5}{12} =$ ____

9. $\frac{1}{2} - \frac{3}{8} =$ ____

10. $\frac{2}{3} - \frac{1}{6} =$ ____

11. $\frac{4}{5} - \frac{1}{10} =$ ____

12. $\frac{7}{9} - \frac{1}{3} =$ ____

13. $\frac{3}{4} - \frac{5}{8} =$ ____

14. $\frac{4}{5} - \frac{3}{10} =$ ____

15. $\frac{11}{12} - \frac{5}{6} =$ ____

16. $\frac{7}{10} - \frac{3}{5} =$ ____

17. $\frac{2}{3} - \frac{1}{6} =$ ____

18. $\frac{5}{6} - \frac{5}{12} =$ ____