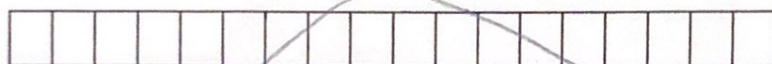


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2. Rewrite the two fractions as like fractions with the same denominator. Then complete the model and the subtraction sentence.

$$\frac{4}{9} = \boxed{}$$

$$\frac{1}{6} = \boxed{}$$



$$\frac{4}{9} - \frac{1}{6} = \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Estimate each difference by rounding the fractions to 0, $\frac{1}{2}$, or 1. Then find the actual difference. Express each difference in simplest form.

3. $\frac{4}{5} - \frac{1}{3} = 1$
 $\downarrow \quad \downarrow$
 $1 - \frac{1}{2} = \frac{1}{2}$

4. $\frac{3}{4} - \frac{2}{3} = 0$
 $\downarrow \quad \downarrow$
 $1 - 1 = 0$

5. $\frac{8}{9} - \frac{7}{8} = 0$
 $\downarrow \quad \downarrow$
 $1 - 1 = 0$

6. $\frac{7}{12} - \frac{1}{4}$
 $\downarrow \quad \downarrow$
 $\frac{1}{2} - \frac{1}{2} = 0$

7. $\frac{5}{6} - \frac{3}{8}$
 $\downarrow \quad \downarrow$
 $1 - \frac{1}{2} = \frac{1}{2}$

8. $\frac{8}{9} - \frac{1}{2} = 0$
 $\downarrow \quad \downarrow$
 $1 - \frac{1}{2} = \frac{1}{2}$

to find the actual on #3-8

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Use benchmarks to estimate each difference.

Example

$$\begin{array}{r} \frac{7}{8} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{4}{7} \\ \downarrow \\ \frac{1}{2} \end{array} = \frac{1}{2}$$

Common **benchmarks** for estimating fractions are 0, $\frac{1}{2}$, and 1.

19. $\frac{1}{2} - \frac{1}{4}$

$$\begin{array}{r} \frac{1}{2} \\ \downarrow \\ \frac{1}{2} \end{array} - \begin{array}{r} \frac{1}{4} \\ \downarrow \\ \frac{1}{2} \end{array} = 0$$

20. $\frac{11}{12} - \frac{1}{2}$

$$\begin{array}{r} \frac{11}{12} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{1}{2} \\ \downarrow \\ \frac{1}{2} \end{array} = 0$$

21. $\frac{5}{6} - \frac{8}{9}$

$$\begin{array}{r} \frac{5}{6} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{8}{9} \\ \downarrow \\ 1 \end{array} = 0$$

22. $\frac{10}{11} - \frac{5}{12}$

$$\begin{array}{r} \frac{10}{11} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{5}{12} \\ \downarrow \\ \frac{1}{2} \end{array} = \frac{1}{2}$$

23. $\frac{4}{5} - \frac{11}{22} = \frac{1}{2}$

$$\begin{array}{r} \frac{4}{5} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{11}{22} \\ \downarrow \\ \frac{1}{2} \end{array} = \frac{1}{2}$$

24. $\frac{7}{8} - \frac{1}{9} = 1$

$$\begin{array}{r} \frac{7}{8} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{1}{9} \\ \downarrow \\ 0 \end{array} = 1$$

25. $\frac{1}{2} - \frac{6}{11} = \frac{1}{2}$

$$\begin{array}{r} \frac{1}{2} \\ \downarrow \\ \frac{1}{2} \end{array} - \begin{array}{r} \frac{6}{11} \\ \downarrow \\ \frac{1}{2} \end{array} = 0$$

26. $\frac{8}{9} - \frac{3}{7}$

$$\begin{array}{r} \frac{8}{9} \\ \downarrow \\ 1 \end{array} - \begin{array}{r} \frac{3}{7} \\ \downarrow \\ \frac{1}{2} \end{array} = \frac{1}{2}$$