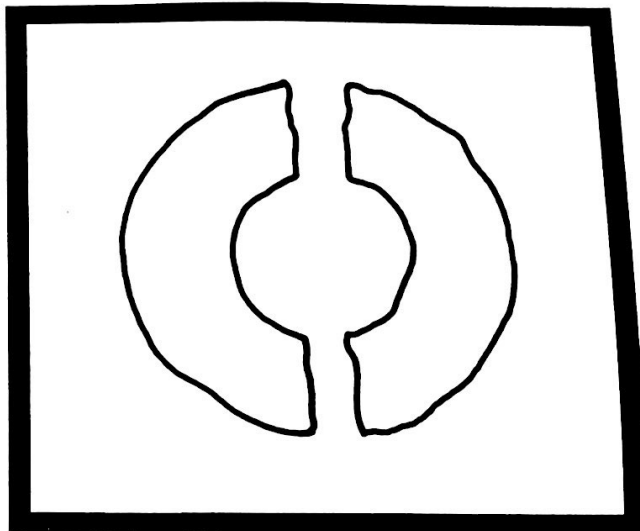# LAW OF THE DONUT

**What Famous Rule of Donuts Is Illustrated by This Picture?**

**DIRECTIONS:**

Do each exercise below. Find your answer in the code and write the letter of the exercise above it.



**Law of the Donut:**

$$\overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}$$
$$4 \qquad 2\tfrac{2}{5} \quad 1\tfrac{2}{3} \quad 1\tfrac{2}{9} \quad \tfrac{3}{10} \quad 2\tfrac{1}{3} \quad \tfrac{3}{4} \quad 1\tfrac{1}{4} \quad 2\tfrac{3}{7} \quad 1\tfrac{4}{5} \quad 1\tfrac{3}{4}$$

$$\overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}\ \ \overline{\phantom{xx}}$$
$$2\tfrac{1}{2} \quad \tfrac{2}{3} \quad 1\tfrac{5}{9} \quad \tfrac{1}{2} \quad 1\tfrac{5}{8} \quad 2 \quad 1\tfrac{7}{10} \quad \tfrac{3}{5} \quad 1\tfrac{1}{2} \quad 1\tfrac{3}{5} \quad 1\tfrac{1}{6}$$

(E) $\dfrac{7}{8} - \dfrac{3}{8}$ 　　　(A) $\dfrac{2}{3} + \dfrac{5}{3}$ 　　　(S) $\dfrac{6}{5} + \dfrac{3}{5}$

(O) $\dfrac{9}{4} - \dfrac{3}{4}$ 　　　(A) $\dfrac{1}{9} + \dfrac{5}{9}$ 　　　(E) $\dfrac{19}{12} - \dfrac{5}{12}$

(W) $\dfrac{7}{10} + \dfrac{17}{10}$ 　　　(L) $\dfrac{15}{16} - \dfrac{3}{16}$ 　　　(A) $\dfrac{13}{6} - \dfrac{1}{6}$

(E) $\dfrac{9}{7} + \dfrac{3}{7} + \dfrac{5}{7}$ 　　　(O) $\dfrac{8}{15} + \dfrac{4}{15} + \dfrac{13}{15}$ 　　　(M) $\dfrac{5}{12} + \dfrac{11}{12} + \dfrac{14}{12}$

(H) $\begin{array}{r}\frac{9}{20}\\[2pt] -\ \frac{3}{20}\\ \hline\end{array}$ 　　(K) $\begin{array}{r}\frac{16}{9}\\[2pt] -\ \frac{2}{9}\\ \hline\end{array}$ 　　(T) $\begin{array}{r}\frac{5}{2}\\[2pt] +\ \frac{3}{2}\\ \hline\end{array}$ 　　(H) $\begin{array}{r}\frac{67}{100}\\[2pt] -\ \frac{7}{100}\\ \hline\end{array}$

(V) Rugged Carpet Company installed $\tfrac{7}{8}$-inch carpet over $\tfrac{3}{8}$-inch padding. What was the combined thickness?

_____ in.

(L) Bert walked $\tfrac{9}{10}$ mile to Ernie's house. Then Bert and Ernie walked $\tfrac{7}{10}$ mile to the park. How far did Bert walk altogether?

_____ mi

TOPIC 3-b: Adding and Subtracting Fractions: Like Denominators

**C-36**