

Answers to Day 9

DIRECTIONS: Solve the problems. Reduce answers to lowest terms or write as mixed numbers.

$$\begin{array}{r}
 1. \quad \frac{1}{10} \\
 + \frac{4}{5} \times \frac{2}{2} = \frac{8}{10} \\
 \hline
 \frac{9}{10}
 \end{array}$$

$$\begin{array}{r}
 2. \quad \frac{3}{4} \times \frac{5}{5} = \frac{15}{20} \\
 + \frac{1}{5} \times \frac{4}{4} = \frac{4}{20} \\
 \hline
 \frac{19}{20}
 \end{array}$$

$$\begin{array}{r}
 3. \quad \frac{1}{5} \times \frac{3}{3} = \frac{3}{15} \\
 + \frac{1}{3} \times \frac{5}{5} = \frac{5}{15} \\
 \hline
 \frac{8}{15}
 \end{array}$$

$$\begin{array}{r}
 4. \quad 16 \frac{2}{7} \times \frac{3}{3} = \frac{6}{21} \\
 + 14 \frac{1}{3} \times \frac{7}{7} = \frac{7}{21} \\
 \hline
 30 \frac{13}{21}
 \end{array}$$

$$\begin{array}{r}
 5. \quad 40 \frac{1}{2} \times \frac{3}{3} = \frac{3}{6} \\
 + 50 \frac{2}{3} \times \frac{2}{2} = \frac{4}{6} \\
 \hline
 90 \frac{7}{6} \rightarrow 91 \frac{1}{6}
 \end{array}$$

$$\begin{array}{r}
 6. \quad 84 \frac{5}{6} \\
 + 94 \frac{2}{3} \times \frac{2}{2} = \frac{4}{6} \\
 \hline
 178 \frac{7}{6} \rightarrow 179 \frac{3}{6} \\
 \phantom{178 \frac{7}{6}} \downarrow \\
 179 \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 7. \quad \frac{1}{3} \times \frac{4}{4} = \frac{4}{12} \\
 - \frac{1}{4} \times \frac{3}{3} = \frac{3}{12} \\
 \hline
 \frac{1}{12}
 \end{array}$$

$$\begin{array}{r}
 8. \quad \frac{2}{3} \times \frac{5}{5} = \frac{10}{15} \\
 - \frac{2}{5} \times \frac{3}{3} = \frac{6}{15} \\
 \hline
 \frac{4}{15}
 \end{array}$$

$$\begin{array}{r}
 9. \quad \frac{5}{9} \times \frac{2}{2} = \frac{10}{18} \\
 - \frac{1}{2} \times \frac{9}{9} = \frac{9}{18} \\
 \hline
 \frac{1}{18}
 \end{array}$$

$$\begin{array}{r}
 10. \quad 3 \frac{4}{7} \times \frac{2}{2} = \frac{8}{14} \\
 - 1 \frac{1}{14} \\
 \hline
 2 \frac{7}{14} \rightarrow 2 \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 11. \quad 8 \frac{5}{8} \times \frac{4}{4} = \frac{20}{24} \\
 - 3 \frac{3}{8} \times \frac{3}{3} = \frac{9}{24} \\
 \hline
 5 \frac{11}{24}
 \end{array}$$

$$\begin{array}{r}
 12. \quad 6 \frac{7}{8} + \frac{8}{8} = \frac{15}{8} \\
 - 2 \frac{1}{4} \times \frac{2}{2} = \frac{2}{8} \\
 \hline
 4 \frac{13}{8} = 5 \frac{5}{8}
 \end{array}$$