F Using Benchmarks N ✕

Use fraction circle pieces, the *Fraction Chart*, or the *Fractions on Number Lines Chart* in the *Student Guide* Reference section.

1. Choose the number closest to the actual sum:

   A. $\frac{7}{8} + \frac{12}{13}$ is closest to $\frac{1}{2}$, 1, $1\frac{1}{2}$, or 2?

   B. $\frac{4}{9} + \frac{5}{8}$ is closest to $\frac{1}{2}$, $\frac{3}{4}$, 1, or 2?

   C. $\frac{8}{9} - \frac{1}{12}$ is closest to 0, $\frac{1}{2}$, or 1?

   D. $\frac{1}{2} - \frac{4}{9}$ is closest to 0, $\frac{1}{4}$, or $\frac{1}{2}$?

2. Solve the following problems. Estimate using benchmarks such as $\frac{1}{2}$ to be sure your answers are reasonable.

   A. $\frac{4}{5} + \frac{1}{2} =$ _____

   B. $\frac{7}{12} + \frac{1}{3} =$ _____

   C. $\frac{5}{6} + \frac{3}{4} =$ _____

G Multiply and Divide with Multiples of Ten ⁵⁄×7 N ✕

A. $80 \times 400 =$ _____

B. $2800 \div 70 =$ _____

C. $7 \times 80{,}000 =$ _____

D. $700 \times 6000 =$ _____

E. $4800 \div 600 =$ _____

F. $240 \div 4 =$ _____