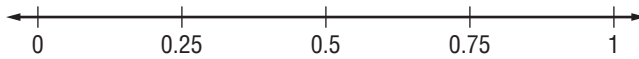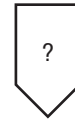# Enrich

Tagging Along

Which of the fractions, $\frac{2}{3}$, $\frac{3}{4}$, $\frac{4}{5}$, or $\frac{9}{10}$,
belongs on the "tag" on the number line at
the right? The tag is to the right of 0.75, so
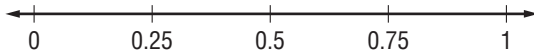the fraction must be greater than 0.75.
Express each fraction as a decimal.

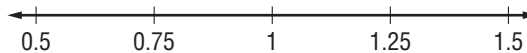$\frac{2}{3} \approx 0.67,$ $\frac{3}{4} = 0.75,$ $\frac{4}{5} = 0.8,$ $\frac{9}{10} = 0.9$

Only 0.8 and 0.9 are greater than 0.75, and 0.9 is much closer to 1 than to
0.75. Choose 0.8, which is equal to $\frac{4}{5}$.

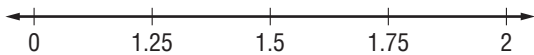**On each number line, fill in the tags using the given fractions.**

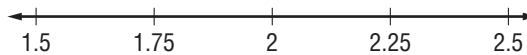**1.** $\frac{3}{8}, \frac{1}{2}, \frac{2}{3}, \frac{1}{9}, \frac{7}{8}$

2. $\frac{4}{3}, \frac{3}{4}, \frac{6}{5}, \frac{5}{8}, \frac{15}{16}$

3. $\frac{7}{4}, \frac{6}{5}, \frac{15}{8}, \frac{3}{2}, \frac{4}{3}$

4. $\frac{9}{5}, \frac{7}{3}, \frac{8}{5}, \frac{13}{6}, \frac{8}{4}$

5. Write a fraction in simplest form for each tag on this number line. Use only the
denominators 2, 3, 4, 5, 8, and 10. Express numbers greater than 1 as improper
fractions.