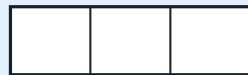


WHICH IS BIGGER: $\frac{3}{4}$ OR $\frac{5}{6}$?

- 1 Find a common bottom number for 4 and 6. Multiples of 4 are 4, 8, 12... Multiples of 6 are 6, 12... so use 12.
- 2 Rewrite: $\frac{3}{4} = \frac{9}{12}$ because $3 \times 3 = 9$ and $4 \times 3 = 12$.
- 3 Rewrite: $\frac{5}{6} = \frac{10}{12}$ because $5 \times 2 = 10$ and $6 \times 2 = 12$.
- 4 Compare the tops: 10 is more than 9, so $\frac{10}{12}$ is bigger. Therefore $\frac{5}{6}$ is bigger than $\frac{3}{4}$.

WARM-UP

Shade each pair of fraction strips to compare the two fractions.



shade $\frac{1}{3}$



shade $\frac{2}{5} \rightarrow \frac{1}{3}$ ____ $\frac{2}{5}$



shade $\frac{3}{4}$



shade $\frac{5}{8} \rightarrow \frac{3}{4}$ ____ $\frac{5}{8}$

1. Shade $\frac{2}{3}$ on one strip and $\frac{4}{5}$ on the matching strip beside it
2. Shade $\frac{5}{6}$ on one strip and $\frac{7}{8}$ on the matching strip beside it
3. Shade $\frac{7}{12}$ on one strip and $\frac{5}{8}$ on the matching strip beside it

PRACTICE

- 1 At the bakery stall Maeve can buy $\frac{1}{2}$ of a loaf or $\frac{1}{4}$ of a loaf. Which share of bread is bigger? _____
- 2 A fruit tart is cut into eighths. Tom takes $\frac{3}{8}$ and Aoife takes $\frac{1}{2}$. Who gets the bigger piece? _____
- 3 A recipe needs $\frac{3}{10}$ of a cup of sugar or $\frac{2}{5}$ of a cup of flour. Which amount is the larger share of a cup? _____

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. When two fractions have been rewritten with the same bottom number, the one with the larger top number is bigger. ☐
- b. A fraction that is more than one half is bigger than a fraction that is less than one half. ☐
- c. Two fractions with the same top number are equal. ☐
- d. The fraction with the larger bottom number is the bigger fraction. ☐