Multiples of Fractions

You have learned to write multiples of unit fractions. You can also write multiples of other fractions.

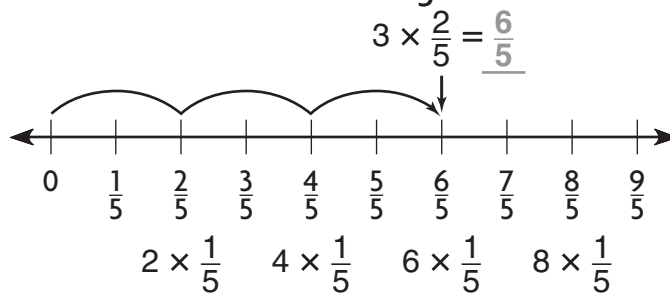**Write the next 4 multiples of $\frac{2}{5}$.**

Make a table.

$1 \times \frac{2}{5}$	$2 \times \frac{2}{5}$	$3 \times \frac{2}{5}$	$4 \times \frac{2}{5}$	$5 \times \frac{2}{5}$
$\frac{2}{5}$	$\frac{2}{5} + \frac{2}{5}$	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5}$	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5}$	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5}$
$\frac{2}{5}$	$\frac{4}{5}$	$\frac{6}{5}$	$\frac{8}{5}$	$\frac{10}{5}$

So, the next 4 multiples of $\frac{2}{5}$ are $\underline{\frac{4}{5}}$, $\underline{\frac{6}{5}}$, $\underline{\frac{8}{5}}$, and $\underline{\frac{10}{5}}$.

Write $3 \times \frac{2}{5}$ as the product of a whole number and a unit fraction.

Use a number line. Make three jumps of $\frac{2}{5}$.

$$3 \times \frac{2}{5} = \underline{\frac{6}{5}}$$

So, $3 \times \frac{2}{5} = \frac{6}{5}$, or $\underline{6 \times \frac{1}{5}}$.

List the next four multiples of the fraction.

1 $\frac{3}{4}$, ____, ____, ____, ____

2 $\frac{5}{6}$, ____, ____, ____, ____

Write as the product of a whole number and a unit fraction.

3

$3 \times \frac{3}{8} =$ _____

4

$4 \times \frac{2}{3} =$ _____

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