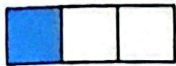


* 3.1. Exploring fractions and decimals

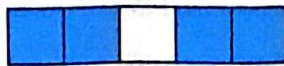
Remember

Fractions describe **equal** parts of a **whole**.



3 equal parts
are thirds.

$\frac{1}{3}$ is shaded.



5 equal parts
are fifths.

$\frac{4}{5}$ are shaded.



8 equal parts
are eighths.

$\frac{5}{8}$ are shaded.

The numerator tells
how many equal parts
are counted.

5

8

The denominator tells
how many equal parts
are in 1 whole.

A **proper fraction** represents an amount **less** than 1 whole. $\frac{5}{8}$ is a proper fraction.

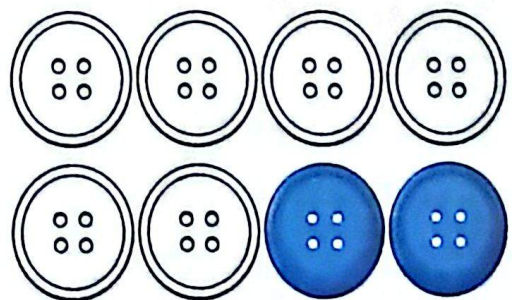
To find a fraction of a **set**, start by **counting**.

There are 8 buttons.

6 of the 8 buttons are white.

$\frac{6}{8}$ of the buttons are white.

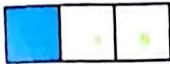
$\frac{2}{8}$ of the buttons are black.



3.1. Exploring fractions and decimals

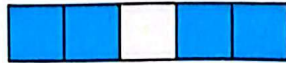
Remember

Fractions describe equal parts of a whole.



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$\frac{5}{8}$ are shaded.

The numerator tells
how many equal parts
are counted.

$\frac{5}{8}$

The denominator tells
how many equal parts
are in 1 whole.

A proper fraction represents an amount less than 1 whole. $\frac{5}{8}$ is a proper fraction.

To find a fraction of a set, start by counting.

There are 8 buttons.

5 of the 8 buttons are white.

$\frac{5}{8}$ of the buttons are white.

$\frac{3}{8}$ of the buttons are black.

