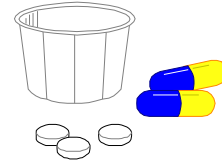




Math Study Strategies

Nursing Math

Concept of Fractions



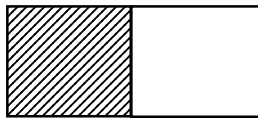
A **fraction** is a part of a whole.

$\frac{1}{2}$ ← **numerator** The **numerator** (top number) is the number of parts used.
denominator The **denominator** (bottom number) is the number of parts the whole has been divided into.

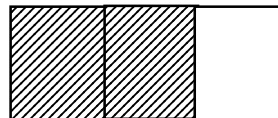
Types of fractions:

Proper fraction: the numerator is smaller than the denominator, it is less than the whole.

$$\frac{1}{2}$$

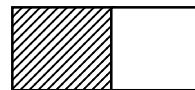
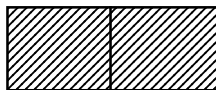


$$\frac{2}{3}$$



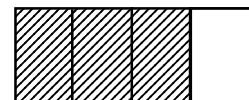
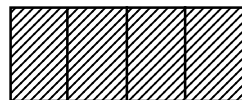
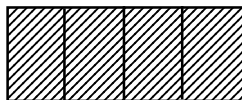
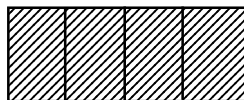
Improper fraction: the numerator is larger than or equal to the denominator, it is equal to or greater than the whole.

$$\frac{3}{2}$$



Mixed number: the sum of a whole number and a fraction.

$$3 \frac{3}{4}$$



(continued on next page)