Grade 6 **13th January 2021**

Mathematics

Equivalent Fractions

Equivalent Fractions are fractions that are the **same size**.

To change a fraction to an equivalent fraction in **higher terms….**
multiply the numerator and the denominator by the same number

$\frac{3}{4} = \frac{?}{8}$ think $4 \times 2 = 8$

So multiply the numerator and denominator by 2

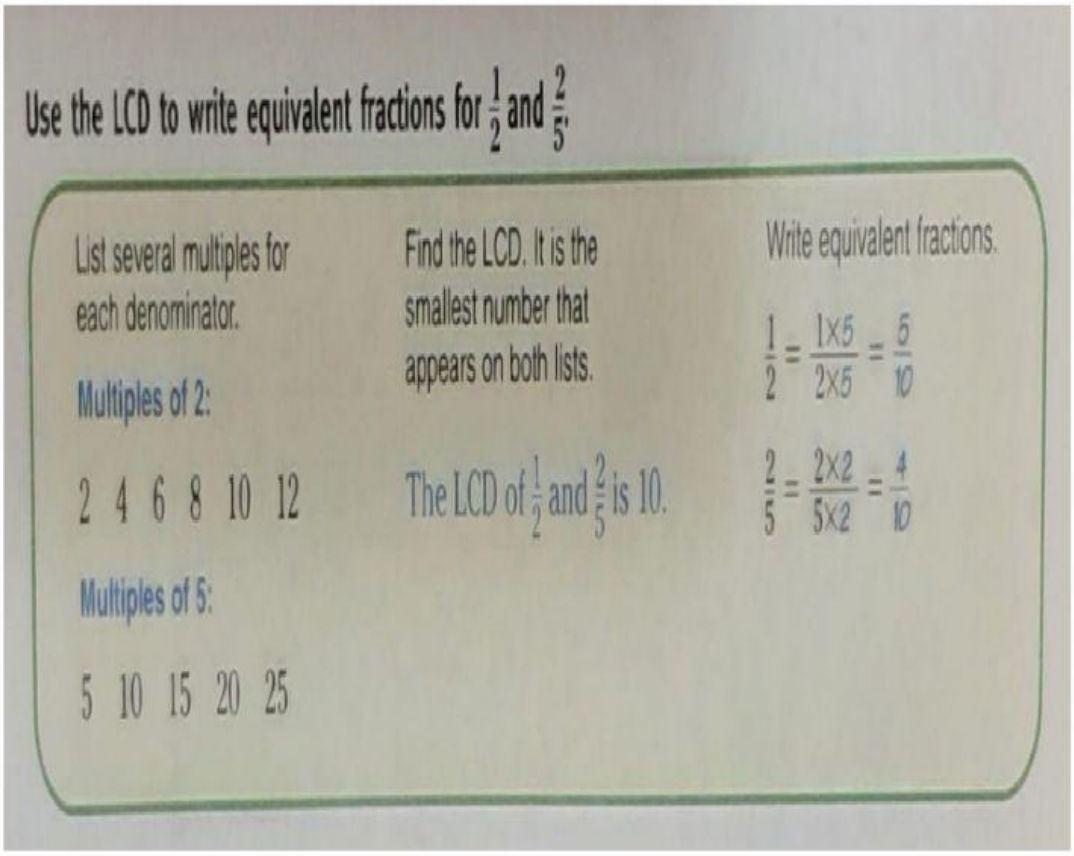
$\frac{3 \times 2}{4 \times 2} = \frac{6}{8}$

You need to use **equivalent fractions** or fractions that have the same value to add or subtract fractions.

Let' s make some equivalent fractions

$\frac{5}{8} = \frac{5\times2}{8\times2} = \frac{10}{16}$ $\frac{3}{4} = \frac{4\times3}{4\times4} = \frac{12}{16}$

You can also use LOWEST COMMON DENOMINATOR (LCD) to write equivalent fractions



Let' s write some equivalent fractions using LCD

$\frac{5}{8} = \frac{5\times2}{8\times2} = \frac{10}{16}$ $\frac{3}{4} = \frac{4\times3}{4\times4} = \frac{12}{16}$

$\frac{2}{5} = \frac{?}{15}$

$\frac{3}{9} = \frac{6}{?}$