

$$\frac{2}{3} \times \begin{array}{|c|} \hline 2 \\ \hline 2 \\ \hline \end{array} = \frac{(2 \times 2)}{(3 \times 2)} = \frac{4}{6}$$

... therefore $\frac{2}{3}$ is equivalent to $\frac{4}{6}$