<u>Multiply fractions</u>: (How to multiply fractions)

To multiply a whole number with a fraction, again write the whole number as an improper fraction using 1 as its denominator then cut with any common factors if possible and finally multiply both the fractions. For example;

To multiply 8 and
$$\frac{5}{12}$$
, you start the solution as $2\frac{8}{1} \times 5\frac{5}{12}$
Cut 8 and 12 by 4 (gcf) to get 2 and 3 respectively. Multiply 2 and 5 to get 10
as new numerator and multiply 1 and 3 to get 3 as new denominators.
Your answer is an improper fraction, convert it into a mixed number.

To multiply a fraction with a mixed number, always convert the mixed number into an improper fraction, cut numerators and denominators if possible and then multiply the numerators together and multiply denominators together to get your answer. Let's do the following examples to learn how to multiply a fraction and a mixed number or how to multiply two mixed numbers.

