Mixed Nu... / Improper Fractions

$3\frac{1}{2}$

Whole number
a fract

$3\frac{1}{2} = \frac{7}{2}$

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$3 \cdot 2 = 6 + 1 =$

Keep the deno...

Divide the numerator and denominator by the GCF of those 2 numbers. (see foldable on page 26)

① Write the Prime Factorization of the numerator and denominator (see prime factorization on pgs 28-29)
② Cross out all common factors
③ Multiply the factors left in the numerator, then multiply the factors left in the denominator
* If there are no factors left, it = 1

Keep dividing the numerator and denominator by a common factor until the only factors the quotients have in common is 1

Examples

$2\frac{1}{2} = \frac{5}{2}$

$5\frac{3}{4} = \frac{2}{}$

$7\frac{1}{5} = \frac{3}{5}$ $\quad 1\frac{2}{5} = \frac{7}{5}$