

Multiplying Fractions By A Whole Number

ex. $\frac{2}{3} \times 4 = 2\frac{2}{3}$

① rewrite the equation making the whole number a fraction

$$\frac{2}{3} \times \frac{4}{1}$$

② multiply the numerators

③ multiply the denominators

$$\frac{2}{3} \times \frac{4}{1} = \frac{8}{3}$$

④ If necessary, simplify

$$\frac{8}{3} = 3 \frac{8}{3} = 2 \frac{2}{3}$$

Labels in the diagram:
- "3" is labeled "denominator"
- "8" is labeled "2 whole number"
- "2" is labeled "2 new numerator"
- The final result $2\frac{2}{3}$ is circled.