

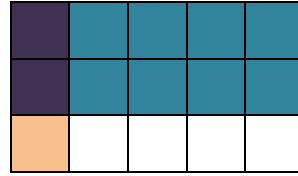
Multiplying Fractions

Step 1: Multiply the numerators.

Example: $\frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$

Step 2: Multiply the denominators.

Step 3: Simplify if possible.



Multiplying with Mixed Numbers

Step 1: Change the mixed numbers to improper fractions.

Step 2: Multiply the numerators.

Step 3: Multiply the denominators.

Step 4: Simplify if possible (and change back to mixed number if needed).

Think:
 $1 \frac{1}{2} = \frac{2}{2} + \frac{1}{2} = \frac{3}{2}$

$$\frac{2}{5} \times 1 \frac{1}{2} = \frac{2}{5} \times \frac{3}{2} = \frac{\overset{1}{\cancel{2}} \times 3}{5 \times \underset{1}{\cancel{2}}} = \frac{3}{5}$$

↑ mixed number ↑ improper fraction

Multiplying Fractions with Whole Numbers

Change the whole number to a fraction (write over 1) and follow steps above!

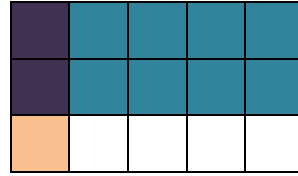
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