



Revision Guides

Multiply Fractions

Multiplying
Fractions:

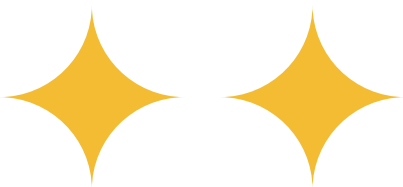
$$\frac{1}{2} \times \frac{3}{4}$$



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



$$\frac{3}{8}$$



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Can you explain

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Introduction...

Multiplying fractions is relatively simple and straightforward.

There is a simple rule we need to follow

- **Multiply the numerators**
- **Multiply the denominators**
- **Reduce the fraction to its simplest form**

How do we do it..

Example:

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

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

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

Can you explain what you just did..?

What is $(3/4) \times (1/2)$?

multiply the numerators

multiply the denominators

Notice that the fraction $(3/8)$ can not be simplified (since 8 and 3 do not have a common divisor)

Answer: $(3/4) \times (1/2) = 3/8$

Things to Remember...

Things to remember when Multiplying Fractions –

- ✓ No Need for LCD
- ✓ Multiplying Fractions Easy
- ✓ Numerator times Numerator
- ✓ Denominator times Denominator
- ✓ Simplify



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The Literacy Center is a 501(c)(3) non-profit organization dedicated to improving adult literacy and education, thereby strengthening our community.