

## Fraction Product Game

Adapted from Connected Mathematics Project's Product Game. Cover any fraction equivalent to your product. 1<sup>st</sup> player covers a product, then players take turns moving one factor and covering the new product. Four in a row wins! (Horizontally, vertically, or on a diagonal.) Both factors can be the same, like  $\frac{1}{4} \times \frac{1}{4}$ .

$\frac{1}{36}$	$\frac{5}{36}$	$\frac{25}{36}$	$\frac{1}{24}$	$\frac{2}{24}$	$\frac{3}{24}$
$\frac{5}{24}$	$\frac{10}{24}$	$\frac{15}{24}$	$\frac{1}{18}$	$\frac{2}{18}$	$\frac{5}{18}$
$\frac{10}{18}$	$\frac{1}{16}$	$\frac{2}{16}$	$\frac{3}{16}$	$\frac{4}{16}$	$\frac{6}{16}$
$\frac{9}{16}$	$\frac{1}{12}$	$\frac{2}{12}$	$\frac{3}{12}$	$\frac{4}{12}$	$\frac{5}{12}$
$\frac{6}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{4}{9}$	$\frac{1}{8}$	$\frac{2}{8}$
$\frac{3}{8}$	$\frac{1}{6}$	$\frac{2}{6}$	$\frac{5}{6}$	$\frac{1}{4}$	$\frac{2}{4}$
$\frac{3}{4}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	<b>1</b>	$\frac{18}{36}$

$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{2}{4}$	$\frac{3}{4}$	$\frac{1}{6}$	$\frac{5}{6}$	<b>1</b>
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