

# Can You **KENKEN** **KEN**?

www.kenken.com

## Rules for playing KENKEN®

- 1) Fill in the boxes using numbers from 1 to the grid size. A 4x4 puzzle uses numbers 1-4, a 5x5 uses numbers 1-5, and so on.
- 2) Do not repeat a number in any row or column.
- 3) The numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner using the mathematical operation indicated.
- 4) Cages with just one square should be filled in with the target number in the top corner.
- 5) A number can be repeated within a cage as long as it is not in the same row or column.

<b>9×</b>		<b>16×</b>	<b>2</b>
	<b>9+</b>		
<b>2÷</b>			<b>2-</b>
	<b>3+</b>		

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<b>3-</b>	<b>2÷</b>		<b>72×</b>
<b>1-</b>		<b>9+</b>	
<b>2</b>	<b>2-</b>		

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<b>4-</b>	<b>40×</b>		<b>4+</b>	<b>4</b>
		<b>2÷</b>		<b>8+</b>
<b>36×</b>			<b>40×</b>	
	<b>4-</b>	<b>1-</b>		<b>2÷</b>
<b>2</b>				

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<b>11+</b>	<b>6×</b>	<b>1-</b>		<b>24×</b>	
		<b>15×</b>	<b>4</b>	<b>2÷</b>	
<b>2÷</b>					<b>40×</b>
<b>3-</b>		<b>20+</b>			
<b>3÷</b>	<b>1-</b>				<b>12+</b>
		<b>2÷</b>			

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# SOLUTIONS

$9\times$ <b>1</b>	<b>3</b>	$16\times$ <b>4</b>	$2$ <b>2</b>
<b>3</b>	$9+$ <b>2</b>	<b>1</b>	<b>4</b>
$2\div$ <b>2</b>	<b>4</b>	<b>3</b>	$2-$ <b>1</b>
<b>4</b>	$3+$ <b>1</b>	<b>2</b>	<b>3</b>

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$3-$ <b>4</b>	$2\div$ <b>1</b>	<b>2</b>	$72\times$ <b>3</b>
<b>1</b>	<b>4</b>	<b>3</b>	<b>2</b>
$1-$ <b>3</b>	<b>2</b>	$9+$ <b>4</b>	<b>1</b>
$2$ <b>2</b>	$2-$ <b>3</b>	<b>1</b>	<b>4</b>

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$4-$ <b>1</b>	$40\times$ <b>2</b>	<b>5</b>	$4+$ <b>3</b>	$4$ <b>4</b>
<b>5</b>	<b>4</b>	$2\div$ <b>2</b>	<b>1</b>	$8+$ <b>3</b>
$36\times$ <b>4</b>	<b>3</b>	<b>1</b>	$40\times$ <b>2</b>	<b>5</b>
<b>3</b>	$4-$ <b>1</b>	$1-$ <b>4</b>	<b>5</b>	$2\div$ <b>2</b>
$2$ <b>2</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>

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$11+$ <b>5</b>	$6\times$ <b>6</b>	$1-$ <b>2</b>	<b>1</b>	$24\times$ <b>4</b>	<b>3</b>
<b>6</b>	<b>1</b>	$15\times$ <b>5</b>	$4$ <b>4</b>	$2\div$ <b>3</b>	<b>2</b>
$2\div$ <b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>6</b>	$40\times$ <b>5</b>
$3-$ <b>2</b>	<b>5</b>	$20+$ <b>3</b>	<b>6</b>	<b>1</b>	<b>4</b>
$3\div$ <b>3</b>	$1-$ <b>4</b>	<b>6</b>	<b>5</b>	<b>2</b>	$12+$ <b>1</b>
<b>1</b>	<b>3</b>	$2\div$ <b>4</b>	<b>2</b>	<b>5</b>	<b>6</b>

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