

Division of 123456789 by 2

$1/2$
$1/2 > 5+0$

Rule of division by 2

<p>1 2 3 4 5 6 7 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	
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<p>5 2 3 4 5 6 7 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Column A: rule $1/2 > 5+0$</p> <p>Change 1 in A into 5, add 0 to B</p>
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<p>6 0 3 4 5 6 7 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up A</p> <p>Add 1 to A, subtract 2 from B</p>
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6 1 1 4 5 6 7 8 9 0 0 0 2 	Revise up B Add 1 to B, subtract 2 from C
A B C D E F G H I J K L M	

6 1 5 4 5 6 7 8 9 0 0 0 2 	Column C: rule $1/2 > 5+0$ Change 1 in C into 5, add 0 to D
A B C D E F G H I J K L M	

6 1 7 0 5 6 7 8 9 0 0 0 2 	Revise up C twice Add 2 to C, subtract 4 from D
A B C D E F G H I J K L M	

6 1 7 2 1 6 7 8 9 0 0 0 2 	Revise up D twice Add 2 to D, subtract 4 from E
A B C D E F G H I J K L M	

<p>6 1 7 2 5 6 7 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Column E: rule $1/2 > 5+0$</p> <p>Change 1 in E into 5, add 0 to F</p>
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<p>6 1 7 2 8 0 7 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up E three times</p> <p>Add 3 to E, subtract 6 from F</p>
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<p>6 1 7 2 8 3 1 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up F three times</p> <p>Add 3 to F, subtract 6 from G</p>
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<p>6 1 7 2 8 3 5 8 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Column G: rule $1/2 > 5+0$</p> <p>Change 1 in G into 5, add 0 to H</p>
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<p>6 1 7 2 8 3 9 0 9 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up G four times</p> <p>Add 4 to G, subtract 8 from H</p>
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<p>6 1 7 2 8 3 9 4 1 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up H four times</p> <p>Add 4 to H, subtract 8 from I</p>
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<p>6 1 7 2 8 3 9 4 5 0 0 0 2</p> <p>A B C D E F G H I J K L M</p>	<p>Column I: rule $1/2 > 5+0$</p> <p>Change 1 in I into 5, add 0 to J</p> <p>Done!</p> <p>$123456789/2=61728394.5$</p>
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