

Division of 123456789 by 5

1/5	2/5	3/5	4/5
1/5>2+0	2/5>4+0	3/5>6+0	4/5>8+0

Rules of division by 5

<p>1 2 3 4 5 6 7 8 9 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Column A: Apply 1/5>2+0</p>
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<p>2 2 3 4 5 6 7 8 9 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Change 1 in A into 2 and add 0 to B</p>
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<p>2 4 3 4 5 6 7 8 9 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Column B: Apply 2/5>4+0</p> <p>Change 2 in B into 4 and add 0 to C</p>
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2 4 6 4 5 6 7 8 9 0 0 0 5

A B C D E F G H I J K L M

Column C: Apply $3/5 > 6+0$

Change 3 in C into 6 and add 0 to D

2 4 6 8 5 6 7 8 9 0 0 0 5

A B C D E F G H I J K L M

Column D: Apply $4/5 > 8+0$

Change 4 in D into 8 and add 0 to E

2 4 6 9 0 6 7 8 9 0 0 0 5

A B C D E F G H I J K L M

Revise up D

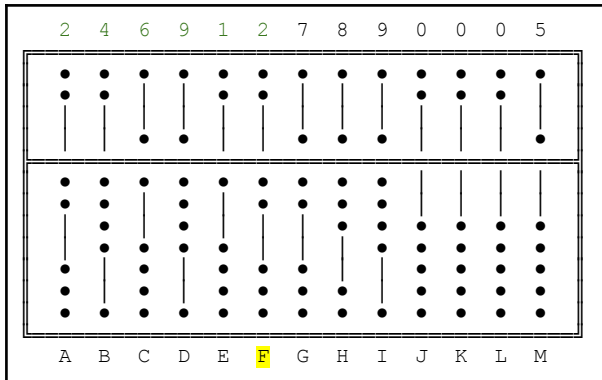
Add 1 to D, subtract 5 from E

2 4 6 9 1 1 7 8 9 0 0 0 5

A B C D E F G H I J K L M

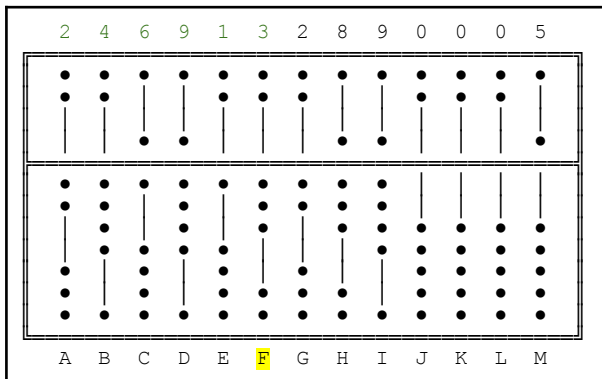
Revise up E

Add 1 to E, subtract 5 from F



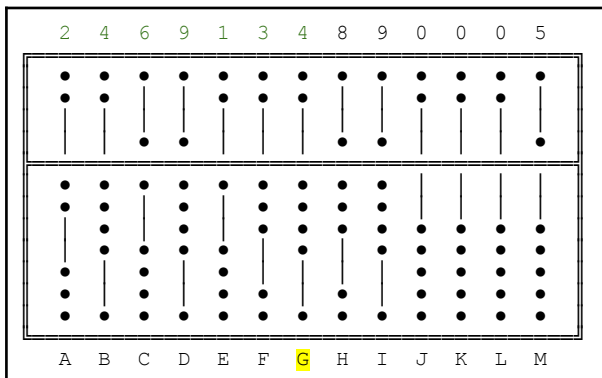
Column F: Apply $1/5 > 2+0$

Change 1 in F into 2 and add 0 to G



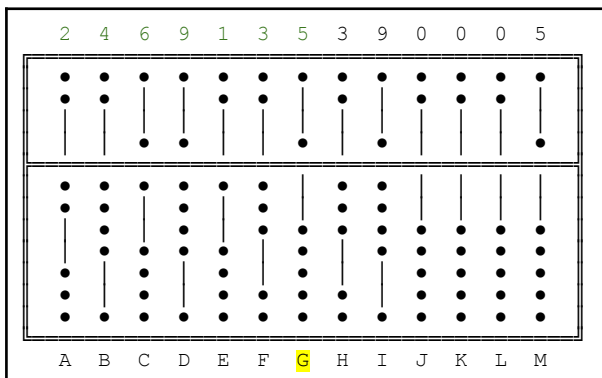
Revise up F

Add 1 to F, subtract 5 from G



Column G: Apply $2/5 > 4+0$

Change 2 in G into 4 and add 0 to H



Revise up G

Add 1 to G, subtract 5 from H

<p>2 4 6 9 1 3 5 6 9 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Column H: Apply $3/5 > 6+0$</p> <p>Change 3 in H into 6 and add 0 to I</p>
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<p>2 4 6 9 1 3 5 7 4 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Revise up H</p> <p>Add 1 to H, subtract 5 from I</p>
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<p>2 4 6 9 1 3 5 7 8 0 0 0 5</p> <p>A B C D E F G H I J K L M</p>	<p>Column I: Apply $4/5 > 8+0$</p> <p>Change 4 in I into 8 and add 0 to J</p> <p>Done!</p> <p>$123456789/5=24691357.8$</p>
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