

# Ins and Outs of Functions Cards

<p>#1</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>In (x)</th> <th>Out (y)</th> </tr> </thead> <tbody> <tr><td>1</td><td>4</td></tr> <tr><td>2</td><td>8</td></tr> <tr><td>3</td><td>12</td></tr> <tr><td>4</td><td>16</td></tr> <tr><td>5</td><td>20</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	In (x)	Out (y)	1	4	2	8	3	12	4	16	5	20	<p>#5</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr><td>10</td><td>5</td></tr> <tr><td>12</td><td>6</td></tr> <tr><td>14</td><td>7</td></tr> <tr><td>16</td><td>8</td></tr> <tr><td>18</td><td>9</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	x	y	10	5	12	6	14	7	16	8	18	9		
In (x)	Out (y)																										
1	4																										
2	8																										
3	12																										
4	16																										
5	20																										
x	y																										
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<p>#2</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>In (x)</th> <th>Out (y)</th> </tr> </thead> <tbody> <tr><td>1</td><td>11</td></tr> <tr><td>2</td><td>12</td></tr> <tr><td>3</td><td>13</td></tr> <tr><td>4</td><td>14</td></tr> <tr><td>5</td><td>15</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	In (x)	Out (y)	1	11	2	12	3	13	4	14	5	15	<p>#6</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>m</th> <th>a</th> </tr> </thead> <tbody> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>9</td></tr> <tr><td>3</td><td>15</td></tr> <tr><td>4</td><td>21</td></tr> <tr><td>5</td><td>27</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	m	a	1	3	2	9	3	15	4	21	5	27		
In (x)	Out (y)																										
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2	12																										
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<p>#3</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr><td>1</td><td>50</td></tr> <tr><td>2</td><td>100</td></tr> <tr><td>3</td><td>150</td></tr> <tr><td>4</td><td>200</td></tr> <tr><td>5</td><td>250</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	x	y	1	50	2	100	3	150	4	200	5	250	<p>#7</p> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>j</th> <th>k</th> </tr> </thead> <tbody> <tr><td>1</td><td>9</td></tr> <tr><td>3</td><td>13</td></tr> <tr><td>5</td><td>17</td></tr> <tr><td>7</td><td>21</td></tr> <tr><td>10</td><td>27</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	j	k	1	9	3	13	5	17	7	21	10	27		
x	y																										
1	50																										
2	100																										
3	150																										
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x	y																										
1	0																										
2	1																										
3	2																										
4	3																										
5	4																										
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# Ins and Outs of Functions Cards

<p>#9</p> <table border="1"> <thead> <tr> <th>c</th> <th>d</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>37</td> </tr> <tr> <td>2</td> <td>67</td> </tr> <tr> <td>3</td> <td>97</td> </tr> <tr> <td>4</td> <td>127</td> </tr> <tr> <td>9</td> <td>277</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	c	d	1	37	2	67	3	97	4	127	9	277	<p>#13</p> <table border="1"> <thead> <tr> <th>a</th> <th>r</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>9</td> </tr> <tr> <td>2</td> <td>20</td> </tr> <tr> <td>3</td> <td>31</td> </tr> <tr> <td>4</td> <td>42</td> </tr> <tr> <td>5</td> <td>53</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	a	r	1	9	2	20	3	31	4	42	5	53		
c	d																										
1	37																										
2	67																										
3	97																										
4	127																										
9	277																										
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<p>#10</p> <table border="1"> <thead> <tr> <th>k</th> <th>p</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10</td> </tr> <tr> <td>2</td> <td>18</td> </tr> <tr> <td>3</td> <td>26</td> </tr> <tr> <td>4</td> <td>34</td> </tr> <tr> <td>5</td> <td>42</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	k	p	1	10	2	18	3	26	4	34	5	42	<p>#14</p> <table border="1"> <thead> <tr> <th>y</th> <th>x</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11</td> </tr> <tr> <td>2</td> <td>23</td> </tr> <tr> <td>3</td> <td>35</td> </tr> <tr> <td>4</td> <td>47</td> </tr> <tr> <td>8</td> <td>95</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	y	x	1	11	2	23	3	35	4	47	8	95		
k	p																										
1	10																										
2	18																										
3	26																										
4	34																										
5	42																										
y	x																										
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<p>#11</p> <table border="1"> <thead> <tr> <th>r</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>9</td> </tr> <tr> <td>2</td> <td>12</td> </tr> <tr> <td>3</td> <td>15</td> </tr> <tr> <td>4</td> <td>18</td> </tr> <tr> <td>5</td> <td>21</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	r	e	1	9	2	12	3	15	4	18	5	21	<p>#15</p> <table border="1"> <thead> <tr> <th>a</th> <th>b</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>5</td> </tr> <tr> <td>4</td> <td>10</td> </tr> <tr> <td>6</td> <td>15</td> </tr> <tr> <td>8</td> <td>20</td> </tr> <tr> <td>12</td> <td>30</td> </tr> <tr> <td>300</td> <td>750</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	a	b	2	5	4	10	6	15	8	20	12	30	300	750
r	e																										
1	9																										
2	12																										
3	15																										
4	18																										
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a	b																										
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300	750																										
<p>#12</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1</td> </tr> <tr> <td>2</td> <td>0</td> </tr> <tr> <td>3</td> <td>1</td> </tr> <tr> <td>4</td> <td>2</td> </tr> <tr> <td>5</td> <td>3</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	x	y	1	-1	2	0	3	1	4	2	5	3	<p>#16</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>1.2</td> <td>2.4</td> </tr> <tr> <td>1.4</td> <td>2.8</td> </tr> <tr> <td>1.5</td> <td>3.0</td> </tr> <tr> <td>1.8</td> <td>3.6</td> </tr> <tr> <td>2.0</td> <td>4.0</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>	x	y	1.2	2.4	1.4	2.8	1.5	3.0	1.8	3.6	2.0	4.0		
x	y																										
1	-1																										
2	0																										
3	1																										
4	2																										
5	3																										
x	y																										
1.2	2.4																										
1.4	2.8																										
1.5	3.0																										
1.8	3.6																										
2.0	4.0																										

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#17	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>x</td><td>y</td></tr> <tr><td>6</td><td>7</td></tr> <tr><td>21</td><td>11</td></tr> <tr><td>30</td><td>14</td></tr> <tr><td>36</td><td>16</td></tr> <tr><td>60</td><td>24</td></tr> </table>	x	y	6	7	21	11	30	14	36	16	60	24	<ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>
x	y													
6	7													
21	11													
30	14													
36	16													
60	24													
#18	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>m</td><td>n</td></tr> <tr><td>8</td><td>-2</td></tr> <tr><td>12</td><td>-1</td></tr> <tr><td>16</td><td>0</td></tr> <tr><td>24</td><td>2</td></tr> <tr><td>36</td><td>5</td></tr> </table>	m	n	8	-2	12	-1	16	0	24	2	36	5	<ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>
m	n													
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36	5													
#19	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>x</td><td>y</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>3</td><td>27</td></tr> <tr><td>5</td><td>125</td></tr> <tr><td>6</td><td>216</td></tr> <tr><td>1</td><td>1</td></tr> </table>	x	y	0	0	3	27	5	125	6	216	1	1	<ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>
x	y													
0	0													
3	27													
5	125													
6	216													
1	1													
#20	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>f</td><td>a</td></tr> <tr><td>1/6</td><td>1/216</td></tr> <tr><td>1/4</td><td>1/64</td></tr> <tr><td>1/3</td><td>1/27</td></tr> <tr><td>1/2</td><td>1/8</td></tr> <tr><td>1</td><td>3</td></tr> </table>	f	a	1/6	1/216	1/4	1/64	1/3	1/27	1/2	1/8	1	3	<ol style="list-style-type: none"> <li>1. What's the rule?</li> <li>2. What are three more examples?</li> <li>3. What's the equation?</li> </ol>
f	a													
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