

Write the answers below.

A	B	C	D	E	F	G	H	I	J
3	4	2	0	2	1	4	0	4	1

A	B	C	D	E	F	G	H	I	J
2	2	2	3	2	3	0	1	4	0

A	B	C	D
4	4	1	3

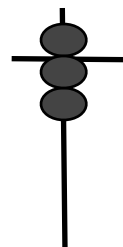
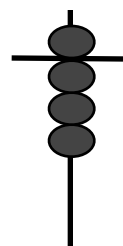
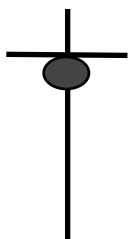
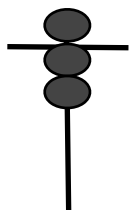
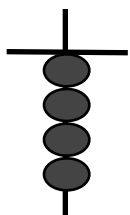
**Math Genie makes math easy.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>9</b>	<b>2</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>9</b>	<b>7</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>5</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>1</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>6</b>	<b>3</b>	<b>4</b>	<b>2</b>

Addition & subtraction on the abacus.



Write the answers below.

A	B	C	D	E	F	G	H	I	J
3	6	9	9	8	9	7	3	5	4

A	B	C	D	E	F	G	H	I	J
7	9	5	4	1	2	0	2	6	7

A	B	C	D
7	8	6	8

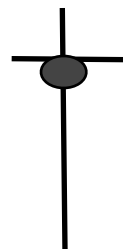
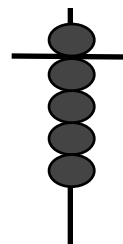
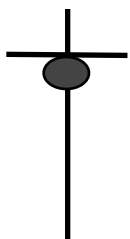
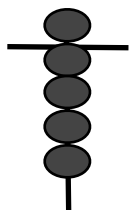
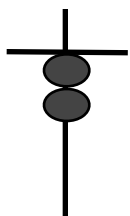
Write the answers below.

A	B	C	D	E	F	G	H	I	J
1	3	2	2	3	3	5	8	4	7

A	B	C	D	E	F	G	H	I	J
5	8	6	9	6	1	4	9	8	7

A	B	C	D
4	6	4	5

**Addition & subtraction on the abacus.**



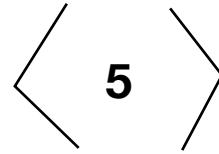
Write the answers below.

A	B	C	D	E	F	G	H	I	J
1	2	4	5	2	4	7	1	6	2

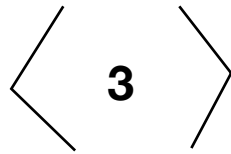
A	B	C	D	E	F	G	H	I	J
9	7	3	8	4	9	3	6	5	4

A	B	C	D
8	5	6	3

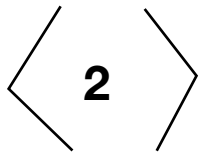
Fill in the blanks.



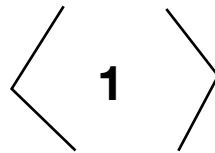
$$5 = 1 + 4$$



$$5 = 2 + 3$$



$$5 = 3 + 2$$



$$5 = 4 + 1$$



The small buddy of 4 is 1.

A	B	C	D	E	F	G	H	I	J
3	6	8	0	1	6	8	5	1	8

A	B	C	D	E	F	G	H	I	J
7	7	2	7	5	5	6	0	6	9

A	B	C	D
8	0	8	9

The small buddy of 3 is 2.

A	B	C	D	E	F	G	H	I	J
1	1	2	5	5	6	6	6	5	6

A	B	C	D	E	F	G	H	I	J
7	5	7	6	5	7	7	8	9	7

A	B	C	D
6	5	2	5

Write the answers below.

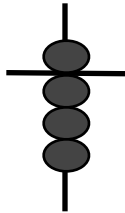
A	B	C	D	E	F	G	H	I	J
3	6	8	0	1	9	6	9	5	8

A	B	C	D	E	F	G	H	I	J
0	2	8	7	1	0	7	6	5	6

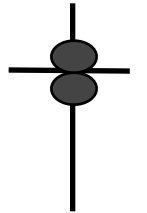
A	B	C	D
7	8	6	8

Solve the problems & draw the beads.

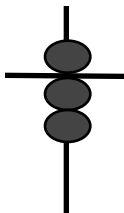
$$9 - 5 + 4 = 8$$



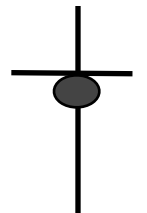
$$1 + 1 + 4 = 6$$



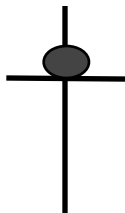
$$2 + 4 + 1 = 7$$



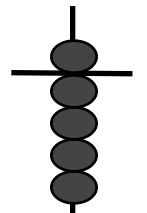
$$3 + 4 - 6 = 1$$



$$2 + 4 - 1 = 5$$



$$4 + 4 + 1 = 9$$



**Practice makes you perfect.**

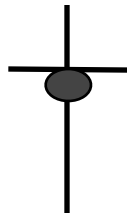
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>5</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>0</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>6</b>

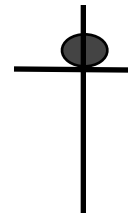
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>8</b>	<b>0</b>	<b>9</b>	<b>9</b>

Solve the problems & draw the beads.

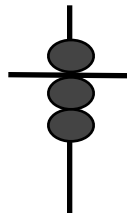
$4 + 3 - 6 = 1$



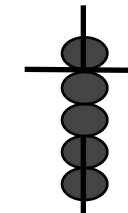
$6 - 5 + 4 = 5$



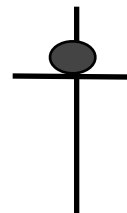
$9 - 5 + 3 = 7$



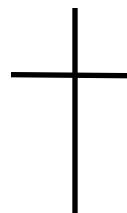
$2 + 4 + 3 = 9$



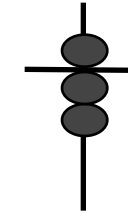
$1 + 1 + 3 = 5$



$3 + 3 - 6 = 0$



$2 + 2 + 3 = 7$

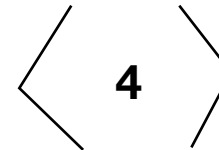
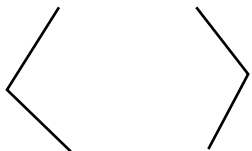
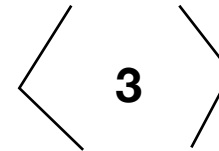
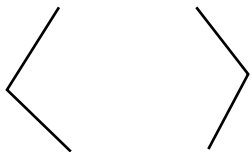
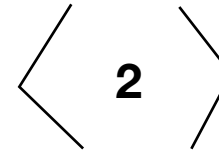
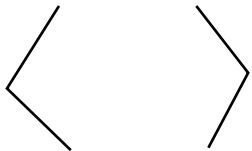
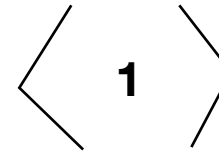
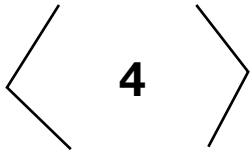


**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>3</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>4</b>	<b>9</b>	<b>7</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>8</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>8</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>8</b>

**Count & Write.**





The small buddy of 4 is 1.

A	B	C	D	E	F	G	H	I	J
3	2	4	5	3	2	4	5	3	2

A	B	C	D	E	F	G	H	I	J
4	5	4	4	4	2	0	9	8	8

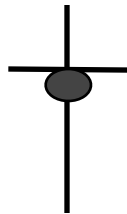
The small buddy of 3 is 2.

A	B	C	D	E	F	G	H	I	J
3	4	4	3	4	3	4	4	8	3

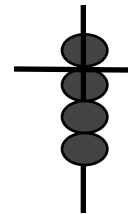
A	B	C	D	E	F	G	H	I	J
9	4	4	9	7	8	4	4	2	2

Solve the problems & draw the beads.

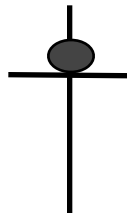
$6 + 2 - 7 = 1$



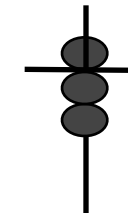
$4 + 1 + 3 = 8$



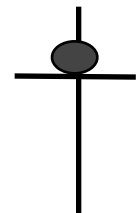
$1 + 2 + 2 = 5$



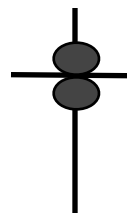
$2 + 3 + 2 = 7$



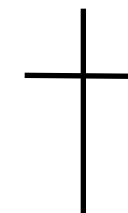
$9 - 7 + 3 = 5$



$1 + 1 + 4 = 6$



$3 + 4 - 7 = 0$



Match the following.

$3 + 2 + 4 = 9$

$4 + 4 - 5 = 3$

$2 + 3 + 2 = 7$

$4 + 4 - 6 = 2$

$4 + 1 + 3 = 8$

$5 - 5 + 5 = 5$

$3 + 3 - 5 = 1$

3

9

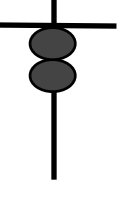
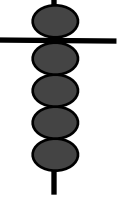
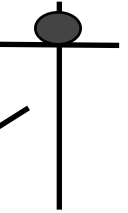
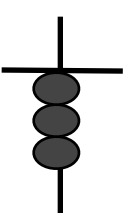
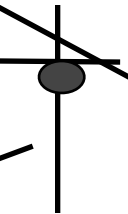
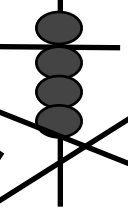
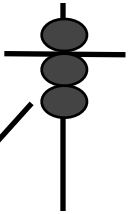
2

7

5

1

8



Practice makes you perfect.

A	B	C	D	E	F	G	H	I	J
3	6	5	7	2	4	6	1	1	2

A	B	C	D	E	F	G	H	I	J
4	3	2	9	4	8	1	2	2	7

$$8 - 4 = 4$$

$$7 - 4 = 3$$

$$6 - 2 = 2$$

$$5 - 4 = 1$$

**Math Genie makes math fun.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>2</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>3</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>3</b>

$$7 - 3 = 4$$

$$6 - 3 = 3$$

$$5 - 3 = 2$$

$$8 - 3 = 5$$

**Practice makes you perfect.**

**Fill in the blanks.**

$3 + 2 = 5$

$4 + 1 = 5$

$1 + 4 = 5$

$2 + 3 = 5$

$3 + 2 = 5$

$4 + 1 = 5$

$2 + 3 = 5$

$1 + 4 = 5$

**Solve the problems and match the answers.**

$2 + 4 + 2 = 8$

$2 + 5 = 7$

$4 + 3 = 7$

$5 + 3 = 8$

$4 + 1 + 1 = 6$

$3 + 1 + 5 = 9$

$3 + 2 + 4 = 9$

$5 + 1 = 6$

**Combination of ten.**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**9**

**8**

**7**

**6**

**5**

**4**

**3**

**2**

**1**



Fill in the blanks.

	10		10		10		10							
1		9		2		8		3		7		4		6

	10		10		10		10							
5		5		4		6		3		7		2		8

		10		10			
	1		9		4		6

Write down the value of the beads.

A	B	C	D	E	F	G	H	I	J
11	22	33	44	55	66	77	88	99	15

A	B	C	D	E	F	G	H	I	J
23	14	51	19	46	37	95	56	63	17

A	B	C	D	E	F	G	H	I	J
91	73	26	48	77	88	58	88	77	54

Write down the value of the beads.

A	B	C	D	E	F	G	H	I	J
61	67	63	69	62	74	76	73	77	75

A	B	C	D	E	F	G	H	I	J
86	83	81	88	85	92	97	94	97	44

A	B	C	D	E	F	G	H	I	J
25	46	62	37	51	18	73	95	67	89

Write down the value of the beads.

A	B	C	D	E	F	G	H	I	J
11	17	14	16	15	13	18	12	19	16

A	B	C	D	E	F	G	H	I	J
26	28	23	21	25	37	32	39	33	36

A	B	C	D	E	F	G	H	I	J
41	47	43	43	42	52	51	59	53	57

**Use both hands together.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>30</b>	<b>40</b>	<b>30</b>	<b>30</b>	<b>40</b>	<b>10</b>	<b>0</b>	<b>60</b>	<b>20</b>	<b>0</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>44</b>	<b>66</b>	<b>44</b>	<b>44</b>	<b>11</b>	<b>44</b>	<b>44</b>	<b>33</b>	<b>55</b>	<b>22</b>

**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>34</b>	<b>22</b>	<b>22</b>	<b>44</b>	<b>11</b>	<b>33</b>	<b>44</b>	<b>33</b>	<b>0</b>	<b>22</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>45</b>	<b>10</b>	<b>45</b>	<b>35</b>	<b>12</b>	<b>48</b>	<b>29</b>	<b>48</b>	<b>29</b>	<b>27</b>

**Math Genie makes math fun.**

A	B	C	D	E	F	G	H	I	J
47	15	76	63	27	36	83	24	56	94

A	B	C	D	E	F	G	H	I	J
26	45	83	15	36	15	34	68	96	24

$$3 + 4 - 5 = 2$$

$$6 - 4 + 4 = 6$$

$$2 + 1 + 3 = 6$$

$$5 - 1 + 4 = 8$$

**Math Genie makes math fun.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>51</b>	<b>24</b>	<b>98</b>	<b>82</b>	<b>36</b>	<b>66</b>	<b>44</b>	<b>79</b>	<b>15</b>	<b>38</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>14</b>	<b>39</b>	<b>57</b>	<b>25</b>	<b>88</b>	<b>49</b>	<b>94</b>	<b>74</b>	<b>62</b>	<b>28</b>

$4 + 3 - 1 = 6$

$6 - 2 - 1 = 3$

$9 - 2 - 4 = 3$

$4 + 4 - 3 = 5$



**Math Genie makes math fun.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>55</b>	<b>17</b>	<b>34</b>	<b>69</b>	<b>26</b>	<b>45</b>	<b>18</b>	<b>74</b>	<b>83</b>	<b>28</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>66</b>	<b>13</b>	<b>77</b>	<b>23</b>	<b>46</b>	<b>56</b>	<b>37</b>	<b>93</b>	<b>25</b>	<b>85</b>

$$9 - 5 + 2 = 6$$

$$2 + 3 + 2 = 7$$

$$5 - 1 + 3 = 7$$

$$7 - 1 - 2 = 4$$

The big buddy of 7 is 3.

A	B	C	D	E	F	G	H	I	J
10	13	16	11	14	18	12	19	17	10

A	B	C	D	E	F	G	H	I	J
15	18	11	10	16	12	16	11	19	17

The big buddy of 6 is 4.

A	B	C	D	E	F	G	H	I	J
10	15	13	17	15	11	19	18	16	10

A	B	C	D	E	F	G	H	I	J
18	14	15	15	10	17	19	12	16	15

The big buddy of 5 is 5.

A	B	C	D	E	F	G	H	I	J
13	11	16	10	19	14	12	18	17	14

A	B	C	D	E	F	G	H	I	J
15	16	19	13	18	10	19	13	17	12

**Math Genie makes math fun.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>10</b>	<b>15</b>	<b>10</b>	<b>15</b>	<b>11</b>	<b>16</b>	<b>19</b>	<b>15</b>	<b>10</b>	<b>18</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>15</b>	<b>11</b>	<b>16</b>	<b>14</b>	<b>10</b>	<b>19</b>	<b>16</b>	<b>15</b>	<b>18</b>	<b>16</b>

$8 + 7 = 15$

$9 + 7 = 16$

$5 + 3 + 7 = 15$

$5 + 4 + 7 = 16$

**Math Genie makes math fun.**

A	B	C	D	E	F	G	H	I	J
10	15	16	12	10	17	15	10	18	13

A	B	C	D	E	F	G	H	I	J
15	17	11	16	19	15	10	19	18	15

$9 + 6 = 15$

$5 + 4 + 6 = 15$

$6 + 3 + 6 = 15$

$7 + 2 + 6 = 15$

Practice makes you perfect.

A	B	C	D	E	F	G	H	I	J
13	17	10	18	12	13	10	14	19	13

A	B	C	D	E	F	G	H	I	J
11	13	12	14	18	10	12	14	19	13

$9 + 5 = 15$

$5 + 5 = 10$

$6 + 5 = 11$

$7 + 5 = 12$

$8 + 5 = 13$

**Fill in the blanks.**

$$9 + 1 = 10$$

$$5 + 5 = 10$$

$$7 + 3 = 10$$

$$5 + 5 = 10$$

$$8 + 2 = 10$$

$$2 + 8 = 10$$

$$6 + 4 = 10$$

$$4 + 6 = 10$$

$$3 + 7 = 10$$

$$1 + 9 = 10$$



**Match the following.**

$$2 + 9 = 11$$

$$2 + 2 + 6 = 10$$

$$7 + 3 = 10$$

$$5 - 3 + 9 = 11$$

$$5 + 5 + 6 = 16$$

$$8 + 2 + 2 = 12$$

$$3 + 8 - 4 = 7$$

$$8 + 8 = 16$$

$$6 - 2 = 4$$

$$9 - 2 = 7$$

**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>14</b>	<b>20</b>	<b>11</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>18</b>	<b>12</b>	<b>12</b>	<b>12</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>13</b>	<b>9</b>	<b>10</b>	<b>27</b>	<b>16</b>	<b>10</b>	<b>14</b>	<b>11</b>	<b>14</b>	<b>11</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>20</b>	<b>10</b>	<b>18</b>	<b>25</b>

**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>6</b>	<b>8</b>	<b>8</b>	<b>13</b>	<b>15</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>13</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>11</b>	<b>16</b>	<b>15</b>	<b>10</b>	<b>4</b>	<b>14</b>	<b>1</b>	<b>2</b>	<b>17</b>	<b>7</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>8</b>	<b>6</b>	<b>8</b>	<b>5</b>

**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>6</b>	<b>8</b>	<b>11</b>	<b>3</b>	<b>14</b>	<b>10</b>	<b>10</b>	<b>13</b>	<b>14</b>	<b>11</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>16</b>	<b>16</b>	<b>12</b>	<b>16</b>	<b>3</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>13</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>11</b>	<b>19</b>	<b>6</b>	<b>14</b>

**Practice makes you perfect.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>14</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3</b>	<b>13</b>	<b>20</b>	<b>19</b>	<b>9</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>9</b>	<b>17</b>	<b>15</b>	<b>21</b>	<b>21</b>	<b>15</b>	<b>27</b>	<b>8</b>	<b>10</b>	<b>18</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>26</b>	<b>20</b>	<b>10</b>	<b>21</b>

**Mental Practice.**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>4</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>7</b>

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>6</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>8</b>