



## [Lesson 9]

### Friends that make "5" together

1  $1 + 4 = 5$

2  $4 + 1 = 5$

**1** and **4** are friends

3  $2 + 3 = 5$

4  $3 + 2 = 5$

**2** and **3** are friends



### Friends that make "10" together

1 1 & 9 are friends

$1+9=10$

$9+1=10$

2 2 & 8 are friends

$2+8=10$

$8+2=10$

3 3 & 7 are friends

$3+7=10$

$7+3=10$

4 4 & 6 are friends

$4+6=10$

$6+4=10$

5 5 & 5 are friends

$5+5=10$

Let's memorize who the friends are!



True or False (combinations to make "10" together)

#	Questions	True	False
A	9 and 1 are friends		
B	8 and 3 are friends		
C	7 and 1 are friends		
D	5 and 4 are friends		
E	8 and 2 are friends		
F	7 and 3 are friends		
G	6 and 4 are friends		
H	5 and 5 are friends		
I	6 and 3 are friends		
J	4 and 8 are friends		

Fill in the box with a number.

How do you perform the carryover on the abacus?

(1)	To add "9",	subtract <input type="text"/>	then add <input type="text"/>
(2)	To add "2",	subtract <input type="text"/>	then add <input type="text"/>
(3)	To add "8",	subtract <input type="text"/>	then add <input type="text"/>
(4)	To add "4",	subtract <input type="text"/>	then add <input type="text"/>
(5)	To add "5",	subtract <input type="text"/>	then add <input type="text"/>
(6)	To add "6",	subtract <input type="text"/>	then add <input type="text"/>
(7)	To add "7",	subtract <input type="text"/>	then add <input type="text"/>
(8)	To add "1",	subtract <input type="text"/>	then add <input type="text"/>
(9)	To add "3",	subtract <input type="text"/>	then add <input type="text"/>

## Addition with Carrying Over

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
9 3	7 8	2 9	5 5	9 2
<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
8 4	9 6	8 3	8 7	9 1
<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
2 9	6 9	3 7	4 6	7 9
<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
3 3 9	4 4 7	5 2 8	1 8 6	3 4 5
<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>
2 6 9	5 4 3	4 2 5	1 7 4	2 4 4
<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>
6 2 3	4 3 3	8 1 9	5 3 7	2 7 1

## Answers : Lesson 9

True or False (combinations to make “10” together)

(A) T (B) F (C) F (D) F (E) T (F) T (G) T (H) T (I) F (J) F

Fill in the box with a number.

(1) 1, 10 (2) 8, 10 (3) 2, 10 (4) 6, 10 (5) 5, 10 (6) 4, 10 (7) 3, 10 (8) 9, 10 (9) 7, 10

Addition with carrying over

#	1	2	3	4	5	6	7	8	9	10
	12	15	11	10	11	12	15	11	15	10
#	11	12	13	14	15	16	17	18	19	20
	11	15	10	10	16	15	15	15	15	12
#	21	22	23	24	25	26	27	28	29	30
	17	12	11	12	10	11	10	18	15	10