FINE MOTOR MATH
Skills For Future Math Excellence

Lesson 7: The Friend Approach: [1&4] and [2&3]

True or False

#	Questions	True	False
A	4 and 1 are friends		
B	3 and 3 are friends		
C	3 and 1 are friends		
D	1 and 4 are friends		
E	3 and 2 are friends		
F	2 and 3 are friends		

Place the friend (number) in the box.

G	1 + ☐ = 5
H	2 + ☐ = 5
I	4 + ☐ = 5
J	3 + ☐ = 5
K	☐ + 2 = 5
L	☐ + 1 = 5
M	☐ + 4 = 5
N	☐ + 3 = 5

Fill in the box with a number.

Assume that there are no bead available and the upper bead is available.

(1)	To add “1”,	borrow ☐ then subtract ☐
(2)	To add “2”,	borrow ☐ then subtract ☐
(3)	To add “3”,	borrow ☐ then subtract ☐
(4)	To add “4”,	borrow ☐ then subtract ☐

2-number addition using the friend approach

1	2	3	4	5
1 4	2 3	4 1	3 2	2 4
6	**7**	**8**	**9**	**10**
3 3	4 2	4 4	3 4	4 3

3-Number Addition using the friend approach

1	2	3	4	5
1 2 2	3 1 1	2 2 3	3 1 4	2 1 3
6	**7**	**8**	**9**	**10**
4 1 3	2 3 4	1 4 4	4 2 1	3 4 2
11	**12**	**13**	**14**	**15**
1 4 1	4 3 1	1 1 3	2 4 3	3 3 3
16	**17**	**18**	**19**	**20**
4 4 1	1 1 4	2 2 2	3 1 4	2 2 4

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Answers : Lesson 7

True or False

A.True B. False C. False D. True E. True F. True

Place the friend (number) in the box.

G. 4 H. 3 I. 1 J. 2 K. 3 L. 4 M. 1 N. 2

Fill in the box with a number.

Assume that there are no bead available and the upper bead is available.

(1)	To add “1”,	borrow 5	then subtract 4
(2)	To add “2”,	borrow 5	then subtract 3
(3)	To add “3”,	borrow 5	then subtract 2
(4)	To add “1”,	borrow 5	then subtract 1

2-number addition using the friend approach

#	1	2	3	4	5	6	7	8	9	10
	5	5	5	5	6	6	6	8	7	7

3-number addition using the friend approach

#	1	2	3	4	5	6	7	8	9	10
	5	5	7	8	6	8	9	9	7	9
#	11	12	13	14	15	16	17	18	19	20
	6	8	5	9	9	9	6	6	8	8