

Rules That Use More Than One Input

NCTM Standards 1, 2, 6, 7, 8, 9, 10

1 Complete this set of Find a Rule cards.

A

FRONT	BACK
4, 3	1

B

FRONT	BACK
7, 2	5

C

FRONT	BACK
10, 4	6

D

FRONT	BACK
20, 5	

E

FRONT	BACK
17, 3	

F

FRONT	BACK
16, ___	9

G

FRONT	BACK
___, 3	16

H

FRONT	BACK
___, 8	37

I

FRONT	BACK
5, ___	0

2 Complete this set of Find a Rule cards.

A

FRONT	BACK
4, 3	7

B

FRONT	BACK
6, 7	

C

FRONT	BACK
5, 9	14

D


FRONT	BACK
7, 7	14

E

FRONT	BACK
21, 11	

F

FRONT	BACK
___, 5	23

 3 Compare how you found the missing numbers on the back of the cards in Problem 1 to how you found the missing numbers on the back of the cards in Problem 2.

4 Complete this set of Find a Rule cards.

A

FRONT	BACK
8, 2	16

B

FRONT	BACK
10, 2	

C

FRONT	BACK
6, 3	

D

FRONT	BACK
10, 5	50

E

FRONT	BACK
9, 3	27

F

FRONT	BACK
5, 1	

G

FRONT	BACK
9, 9	

H

FRONT	BACK
8, ___	32

I

FRONT	BACK
7, ___	49

5 Sonia collects spiders. Make a table to show the number of spider legs she might have in her collection.

If there are 48 legs, how many spiders are there? _____ spiders

6 **Challenge** Complete this set of Find a Rule cards.

A

FRONT	BACK
7, 3	14

B

FRONT	BACK
4, 8	16

C

FRONT	BACK
1, 12	17

D

FRONT	BACK
6, 4	14

E

FRONT	BACK
9, 12	

F

FRONT	BACK
___, 5	19