





	A		B
1:4	3	-1	2
1:5	2	-1	4
1:6	1		6

	C		D
1:5	4	-1	2
1:6	3	-1	4
1:7	2	-1	6
1:8	1		8

There is also a similarity between the numbers in the table. For the column of numbers whose ratio originally added up to more, the number of cans is two more every time the mixture gets whiter; (this is shown in red.)

The column whose ratio originally added up to less, goes down by one every time the mixture gets whiter; (this is shown in blue.)

Another similarity is that between the total number of paint cans and the total of the numbers in the requested ratio; (shown below in purple.)

	A	B
1:4	3	2
1:5	2	4
1:6	1	6

$$1 + 4 = 5$$

$$1 + 5 = 6$$

$$1 + 6 = 7$$

$$3 + 2 = 5$$

$$2 + 4 = 6$$

$$1 + 6 = 7$$

	C	D
1:5	4	2
1:6	3	4
1:7	2	6
1:8	1	8

$$1 + 5 = 6$$

$$1 + 6 = 7$$

$$1 + 7 = 8$$

$$1 + 8 = 9$$

$$4 + 2 = 6$$

$$3 + 4 = 7$$

$$2 + 6 = 8$$

$$1 + 8 = 9$$