TEN CRAYONS
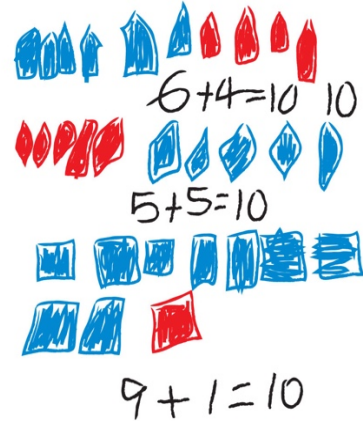
I have 10 crayons. Some are red and some are blue.
How many of each could I have?
Find as many combinations as you can.

$5b + 5r = 10 br$

$9b + 1r = 10 br$

$9r + 1b = 10 rb$

$8b + 2r = 10 br$

$2b + 8r = 10 r b$

Student 1

$6 + 4 = 10$ 10

$5 + 5 = 10$

$9 + 1 = 10$

Student 2

r	B
1	9
9	1
5	5
8	2
2	2

10

Student 3

$5r + 5B = 10$

$r1 + B9 = 10$

$r2 + B8 = 10$

$3r + B7 = 10$

$r4 + B6 = 10$

$rB + B4 = 10$

$r7 + B3 = 10$

$r8 + B2 = 10$

$r0 + B0 = 10$

Student 4

TEN CRAYONS

I have 10 crayons. Some are red and some are blue.
How many of each could I have?
Find as many combinations as you can.

$1 + 9 = 10$ $9 + 1 = 10$

$2 + 8 = 10$ $8 + 2 = 10$

$3 + 7 = 10$ $7 + 3 = 10$

$4 + 6 = 10$ $6 + 4 = 10$

$5 + 5 = 10$ $5 + 5 = 10$

Student 5

$5 + 5 = 10$ Blue and red
red Blue

$9 + 1 = 10$ Blue and red
Blue red

$7 + 3 = 10$ Blue and red
Blue red

Student dictation: Those are all the ways I can think of.

Student 6