

Task 1:

1.

T1	T2	T3	x: 5 y: 8
a = read(x)	b = read(y)	c = read(y)	x: 5 y: 8 a: 5 b: 8 c: 8
write(x,2*a+1)	write(x,b+3)	write(y,c+1)	x: 11 y: 9 a: 5 b: 8 c: 8
commit	commit	commit	x: 11 y: 9

2.

T1	T2	T3	x: 1 y: 2 z: 3
a = read(x)	b = read(y)	c = read(z)	x: 1 y: 2 z: 3 a: 1 b: 2 c: 3
write(x,a+1)	write(x,b+2)	write(y,c+3)	x: 2 y: 6 z: 3 a: 1 b: 2 c: 3
commit	commit	commit	x: 2 y: 6 z: 3

3.

T1	T2	x: 1 y: 2
a = read(x)		x: 1 y: 2 a: 1
	b = read(y)	x: 1 y: 2 b: 2
write(y,2*a+1)		x: 1 y: 3 a: 1
	write(x,b+3)	x: 5 y: 2 b: 2
commit		x: 1 y: 3 a: 1
	commit	x: 5 y: 3