Spoken Tutorial - PhET Simulations for Mathematics- Assignment Funded by Ministry of Education, Govt. Of India Indian Institute of Technology Bombay https://spoken-tutorial.org

Tutorial Name: "Number Line: Operations"

Assignment 1

1. See the following table.

Sr. No.	Transactions	
1	Add a cycle as an asset of \$300	
2	Add a TV as an asset of \$200	
3	Add debt of \$400 taken for monthly expenses	
4	Add salary as an asset of \$100	
5	Add debt of \$100 taken as education loan	

- 2. Perform these transactions using the Net Worth screen.
- 3. It will calculate the net worth of a person.

Assignment 2

- 1. Use the Operations screen to calculate the net worth in different scenarios.
- 2. Open the Generic screen and choose the two numerical expressions option.
- 3. Then perform the steps shown in this table. Compare the different operations on integers.

Sr. No.	Person 1	Person 2
1	Set initial value to 1	Set initial value to -3
2	Add value equal to 2	Remove value equal to 1
3	Add value equal to 6	Add value equal to 9