

6.2 Transformer

Compare and contrast the following aspects of a step-up transformer and a step-down transformer.

Step-up transformer

Step-down transformer

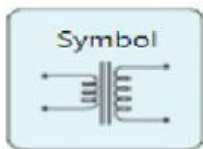
Similarities

a) Type of current : _____

b) Main Structures : _____, _____, _____

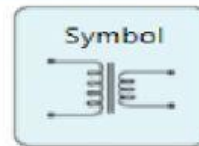
Differences

a)



Symbol

b)



Symbol

c) The primary coil has _____ number of turns compared to the secondary coil.

Number of turns

d) The primary coil has _____ number of turns compared to the secondary coil.

e) The primary coil has _____ voltage compared to the secondary coil.

Voltage

f) The primary coil has _____ voltage compared to the secondary coil.

g) The primary coil has _____ current compared to the secondary coil.

Current

h) The primary coil has _____ current compared to the secondary coil.

