Experiment 1 with alpha=0.01, epochs=200, decay=0.8

Training Accuracy: 39.477551

Validation Accuracy: 28.100000

Testing Accuracy: 30.940000

A graph with numbers and a line

Description automatically generated

A graph with numbers and a line

Description automatically generated

Experiment 2 with alpha=0.1, epochs=200, decay=0.8

Training Accuracy: 39.383673

Validation Accuracy: 27.800000

Testing Accuracy: 30.980000

A graph with numbers and a line

Description automatically generated

A graph with numbers and lines

Description automatically generated

Experiment 3 with alpha=0.5, epochs=200, decay=0.8

Training Accuracy: 39.579592

Validation Accuracy: 29.700000

Testing Accuracy: 30.920000

A graph with numbers and a line

Description automatically generated

A graph with numbers and a line

Description automatically generated

Experiment 4 with alpha=0.01, epochs=100, decay=0.2

Training Accuracy: 40.253061

Validation Accuracy: 28.300000

Testing Accuracy: 30.180000

A graph with numbers and a line

Description automatically generated

A graph with numbers and lines

Description automatically generated

Experiment 5 with alpha=0.1, epochs=100, decay=0.2

Training Accuracy: 40.173469

Validation Accuracy: 28.600000

Testing Accuracy: 30.560000

A graph with numbers and a line

Description automatically generated

A graph with numbers and lines

Description automatically generated

Experiment 6 with alpha=0.5, epochs=100, decay=0.2

Training Accuracy: 40.002041

Validation Accuracy: 29.700000

Testing Accuracy: 29.920000

A graph with numbers and a line

Description automatically generated

A graph with numbers and lines

Description automatically generated

Best alpha: 0.1, Best epochs: 200, Best accuracy: 30.98