# Quiz

**Given parameters:**

Total Number of workers: 8

Mini-Batch Size: 32

Dataset Size: 10000

Step size: 0.01

Model Training Iterations: 10

**Calculation**:

Samples per iteration = Number of workers × Mini-batch size = 8 × 32 = 256

Total samples used = Samples per iteration × Number of iterations = 256 × 10 = 2,560

**Final Answer**

After the training process, 2,560 samples are used.

This is calculated as:

Number of workers (8) × Mini-batch size (32) × Training iterations (10) = 2,560 samples.