Dropout at 0.2 results:

epoch: 1, steps: 0, train\_loss: 2.303, running\_acc: 3.1 %

epoch: 1, steps: 200, train\_loss: 2.300, running\_acc: 11.2 %

epoch: 1, steps: 400, train\_loss: 2.265, running\_acc: 12.9 %

epoch: 1, steps: 600, train\_loss: 2.144, running\_acc: 22.0 %

epoch: 1, steps: 800, train\_loss: 2.029, running\_acc: 26.9 %

epoch: 1, steps: 1000, train\_loss: 1.961, running\_acc: 29.4 %

epoch: 1, steps: 1200, train\_loss: 1.892, running\_acc: 31.2 %

epoch: 1, steps: 1400, train\_loss: 1.853, running\_acc: 33.8 %

Validation accuracy: 38.8 %

epoch: 2, steps: 0, train\_loss: 1.662, running\_acc: 40.6 %

epoch: 2, steps: 200, train\_loss: 1.707, running\_acc: 39.4 %

epoch: 2, steps: 400, train\_loss: 1.656, running\_acc: 40.2 %

epoch: 2, steps: 600, train\_loss: 1.615, running\_acc: 42.0 %

epoch: 2, steps: 800, train\_loss: 1.550, running\_acc: 44.5 %

epoch: 2, steps: 1000, train\_loss: 1.520, running\_acc: 45.6 %

epoch: 2, steps: 1200, train\_loss: 1.475, running\_acc: 47.1 %

epoch: 2, steps: 1400, train\_loss: 1.489, running\_acc: 46.5 %

Validation accuracy: 49.6 %

epoch: 3, steps: 0, train\_loss: 1.302, running\_acc: 56.2 %

epoch: 3, steps: 200, train\_loss: 1.412, running\_acc: 49.9 %

epoch: 3, steps: 400, train\_loss: 1.405, running\_acc: 49.1 %

epoch: 3, steps: 600, train\_loss: 1.380, running\_acc: 50.3 %

epoch: 3, steps: 800, train\_loss: 1.347, running\_acc: 51.8 %

epoch: 3, steps: 1000, train\_loss: 1.332, running\_acc: 53.1 %

epoch: 3, steps: 1200, train\_loss: 1.304, running\_acc: 53.7 %

epoch: 3, steps: 1400, train\_loss: 1.316, running\_acc: 52.4 %

Validation accuracy: 56.2 %

epoch: 4, steps: 0, train\_loss: 1.194, running\_acc: 56.2 %

epoch: 4, steps: 200, train\_loss: 1.235, running\_acc: 55.4 %

epoch: 4, steps: 400, train\_loss: 1.237, running\_acc: 55.7 %

epoch: 4, steps: 600, train\_loss: 1.222, running\_acc: 56.8 %

epoch: 4, steps: 800, train\_loss: 1.185, running\_acc: 58.4 %

epoch: 4, steps: 1000, train\_loss: 1.185, running\_acc: 58.5 %

epoch: 4, steps: 1200, train\_loss: 1.157, running\_acc: 58.5 %

epoch: 4, steps: 1400, train\_loss: 1.186, running\_acc: 57.5 %

Validation accuracy: 59.3 %

epoch: 5, steps: 0, train\_loss: 1.141, running\_acc: 65.6 %

epoch: 5, steps: 200, train\_loss: 1.099, running\_acc: 61.2 %

epoch: 5, steps: 400, train\_loss: 1.105, running\_acc: 61.1 %

epoch: 5, steps: 600, train\_loss: 1.089, running\_acc: 62.0 %

epoch: 5, steps: 800, train\_loss: 1.055, running\_acc: 62.8 %

epoch: 5, steps: 1000, train\_loss: 1.055, running\_acc: 62.8 %

epoch: 5, steps: 1200, train\_loss: 1.027, running\_acc: 63.5 %

epoch: 5, steps: 1400, train\_loss: 1.066, running\_acc: 62.7 %

Validation accuracy: 62.8 %

epoch: 6, steps: 0, train\_loss: 1.008, running\_acc: 65.6 %

epoch: 6, steps: 200, train\_loss: 0.985, running\_acc: 65.2 %

epoch: 6, steps: 400, train\_loss: 0.981, running\_acc: 65.7 %

epoch: 6, steps: 600, train\_loss: 0.961, running\_acc: 66.1 %

epoch: 6, steps: 800, train\_loss: 0.938, running\_acc: 67.5 %

epoch: 6, steps: 1000, train\_loss: 0.939, running\_acc: 67.4 %

epoch: 6, steps: 1200, train\_loss: 0.918, running\_acc: 67.8 %

epoch: 6, steps: 1400, train\_loss: 0.953, running\_acc: 67.1 %

Validation accuracy: 67.7 %

epoch: 7, steps: 0, train\_loss: 0.953, running\_acc: 68.8 %

epoch: 7, steps: 200, train\_loss: 0.875, running\_acc: 69.3 %

epoch: 7, steps: 400, train\_loss: 0.882, running\_acc: 69.4 %

epoch: 7, steps: 600, train\_loss: 0.861, running\_acc: 70.1 %

epoch: 7, steps: 800, train\_loss: 0.830, running\_acc: 71.2 %

epoch: 7, steps: 1000, train\_loss: 0.852, running\_acc: 70.3 %

epoch: 7, steps: 1200, train\_loss: 0.822, running\_acc: 71.2 %

epoch: 7, steps: 1400, train\_loss: 0.860, running\_acc: 70.0 %

Validation accuracy: 70.3 %

epoch: 8, steps: 0, train\_loss: 0.847, running\_acc: 75.0 %

epoch: 8, steps: 200, train\_loss: 0.780, running\_acc: 72.5 %

epoch: 8, steps: 400, train\_loss: 0.785, running\_acc: 72.5 %

epoch: 8, steps: 600, train\_loss: 0.773, running\_acc: 73.4 %

epoch: 8, steps: 800, train\_loss: 0.747, running\_acc: 74.1 %

epoch: 8, steps: 1000, train\_loss: 0.747, running\_acc: 73.6 %

epoch: 8, steps: 1200, train\_loss: 0.721, running\_acc: 74.6 %

epoch: 8, steps: 1400, train\_loss: 0.770, running\_acc: 73.0 %

Validation accuracy: 71.9 %

epoch: 9, steps: 0, train\_loss: 0.741, running\_acc: 71.9 %

epoch: 9, steps: 200, train\_loss: 0.693, running\_acc: 75.7 %

epoch: 9, steps: 400, train\_loss: 0.699, running\_acc: 75.3 %

epoch: 9, steps: 600, train\_loss: 0.677, running\_acc: 76.5 %

epoch: 9, steps: 800, train\_loss: 0.665, running\_acc: 76.8 %

epoch: 9, steps: 1000, train\_loss: 0.675, running\_acc: 76.1 %

epoch: 9, steps: 1200, train\_loss: 0.648, running\_acc: 77.5 %

epoch: 9, steps: 1400, train\_loss: 0.683, running\_acc: 75.8 %

Validation accuracy: 72.1 %

epoch: 10, steps: 0, train\_loss: 0.539, running\_acc: 81.2 %

epoch: 10, steps: 200, train\_loss: 0.611, running\_acc: 78.7 %

epoch: 10, steps: 400, train\_loss: 0.607, running\_acc: 78.5 %

epoch: 10, steps: 600, train\_loss: 0.595, running\_acc: 79.2 %

epoch: 10, steps: 800, train\_loss: 0.577, running\_acc: 79.9 %

epoch: 10, steps: 1000, train\_loss: 0.587, running\_acc: 79.6 %

epoch: 10, steps: 1200, train\_loss: 0.559, running\_acc: 80.6 %

epoch: 10, steps: 1400, train\_loss: 0.591, running\_acc: 79.1 %

Validation accuracy: 74.3 %

epoch: 11, steps: 0, train\_loss: 0.527, running\_acc: 84.4 %

epoch: 11, steps: 200, train\_loss: 0.536, running\_acc: 81.4 %

epoch: 11, steps: 400, train\_loss: 0.539, running\_acc: 81.0 %

epoch: 11, steps: 600, train\_loss: 0.521, running\_acc: 82.0 %

epoch: 11, steps: 800, train\_loss: 0.501, running\_acc: 82.6 %

epoch: 11, steps: 1000, train\_loss: 0.514, running\_acc: 82.5 %

epoch: 11, steps: 1200, train\_loss: 0.475, running\_acc: 83.8 %

epoch: 11, steps: 1400, train\_loss: 0.505, running\_acc: 82.5 %

Validation accuracy: 74.0 %

epoch: 12, steps: 0, train\_loss: 0.466, running\_acc: 81.2 %

epoch: 12, steps: 200, train\_loss: 0.454, running\_acc: 84.4 %

epoch: 12, steps: 400, train\_loss: 0.451, running\_acc: 84.2 %

epoch: 12, steps: 600, train\_loss: 0.443, running\_acc: 84.8 %

epoch: 12, steps: 800, train\_loss: 0.440, running\_acc: 84.8 %

epoch: 12, steps: 1000, train\_loss: 0.424, running\_acc: 85.6 %

epoch: 12, steps: 1200, train\_loss: 0.406, running\_acc: 86.0 %

epoch: 12, steps: 1400, train\_loss: 0.436, running\_acc: 84.8 %

Validation accuracy: 73.9 %

epoch: 13, steps: 0, train\_loss: 0.348, running\_acc: 84.4 %

epoch: 13, steps: 200, train\_loss: 0.396, running\_acc: 85.9 %

epoch: 13, steps: 400, train\_loss: 0.379, running\_acc: 86.6 %

epoch: 13, steps: 600, train\_loss: 0.379, running\_acc: 86.8 %

epoch: 13, steps: 800, train\_loss: 0.375, running\_acc: 86.8 %

epoch: 13, steps: 1000, train\_loss: 0.366, running\_acc: 87.3 %

epoch: 13, steps: 1200, train\_loss: 0.346, running\_acc: 88.0 %

epoch: 13, steps: 1400, train\_loss: 0.362, running\_acc: 87.3 %

Validation accuracy: 73.5 %

epoch: 14, steps: 0, train\_loss: 0.216, running\_acc: 90.6 %

epoch: 14, steps: 200, train\_loss: 0.330, running\_acc: 88.0 %

epoch: 14, steps: 400, train\_loss: 0.321, running\_acc: 88.3 %

epoch: 14, steps: 600, train\_loss: 0.319, running\_acc: 88.7 %

epoch: 14, steps: 800, train\_loss: 0.309, running\_acc: 88.9 %

epoch: 14, steps: 1000, train\_loss: 0.296, running\_acc: 89.6 %

epoch: 14, steps: 1200, train\_loss: 0.288, running\_acc: 89.9 %

epoch: 14, steps: 1400, train\_loss: 0.318, running\_acc: 88.8 %

Validation accuracy: 73.0 %

epoch: 15, steps: 0, train\_loss: 0.293, running\_acc: 90.6 %

epoch: 15, steps: 200, train\_loss: 0.280, running\_acc: 90.7 %

epoch: 15, steps: 400, train\_loss: 0.269, running\_acc: 90.0 %

epoch: 15, steps: 600, train\_loss: 0.266, running\_acc: 90.7 %

epoch: 15, steps: 800, train\_loss: 0.261, running\_acc: 90.6 %

epoch: 15, steps: 1000, train\_loss: 0.272, running\_acc: 90.5 %

epoch: 15, steps: 1200, train\_loss: 0.249, running\_acc: 91.2 %

epoch: 15, steps: 1400, train\_loss: 0.255, running\_acc: 91.1 %

Validation accuracy: 73.6 %

epoch: 16, steps: 0, train\_loss: 0.159, running\_acc: 93.8 %

epoch: 16, steps: 200, train\_loss: 0.238, running\_acc: 91.4 %

epoch: 16, steps: 400, train\_loss: 0.230, running\_acc: 91.8 %

epoch: 16, steps: 600, train\_loss: 0.223, running\_acc: 92.2 %

epoch: 16, steps: 800, train\_loss: 0.222, running\_acc: 92.2 %

epoch: 16, steps: 1000, train\_loss: 0.218, running\_acc: 92.7 %

epoch: 16, steps: 1200, train\_loss: 0.207, running\_acc: 93.0 %

epoch: 16, steps: 1400, train\_loss: 0.217, running\_acc: 92.1 %

Validation accuracy: 71.7 %

epoch: 17, steps: 0, train\_loss: 0.292, running\_acc: 90.6 %

epoch: 17, steps: 200, train\_loss: 0.184, running\_acc: 93.6 %

epoch: 17, steps: 400, train\_loss: 0.192, running\_acc: 93.1 %

epoch: 17, steps: 600, train\_loss: 0.199, running\_acc: 92.8 %

epoch: 17, steps: 800, train\_loss: 0.197, running\_acc: 92.9 %

epoch: 17, steps: 1000, train\_loss: 0.177, running\_acc: 93.7 %

epoch: 17, steps: 1200, train\_loss: 0.175, running\_acc: 94.2 %

epoch: 17, steps: 1400, train\_loss: 0.185, running\_acc: 93.5 %

Validation accuracy: 73.0 %

epoch: 18, steps: 0, train\_loss: 0.060, running\_acc: 96.9 %

epoch: 18, steps: 200, train\_loss: 0.152, running\_acc: 94.6 %

epoch: 18, steps: 400, train\_loss: 0.172, running\_acc: 94.0 %

epoch: 18, steps: 600, train\_loss: 0.172, running\_acc: 94.0 %

epoch: 18, steps: 800, train\_loss: 0.163, running\_acc: 94.5 %

epoch: 18, steps: 1000, train\_loss: 0.146, running\_acc: 94.6 %

epoch: 18, steps: 1200, train\_loss: 0.164, running\_acc: 94.1 %

epoch: 18, steps: 1400, train\_loss: 0.168, running\_acc: 94.3 %

Validation accuracy: 72.2 %

epoch: 19, steps: 0, train\_loss: 0.103, running\_acc: 100.0 %

epoch: 19, steps: 200, train\_loss: 0.142, running\_acc: 94.9 %

epoch: 19, steps: 400, train\_loss: 0.142, running\_acc: 95.2 %

epoch: 19, steps: 600, train\_loss: 0.142, running\_acc: 94.9 %

epoch: 19, steps: 800, train\_loss: 0.148, running\_acc: 94.8 %

epoch: 19, steps: 1000, train\_loss: 0.142, running\_acc: 95.0 %

epoch: 19, steps: 1200, train\_loss: 0.129, running\_acc: 95.7 %

epoch: 19, steps: 1400, train\_loss: 0.142, running\_acc: 95.3 %

Validation accuracy: 74.1 %

epoch: 20, steps: 0, train\_loss: 0.118, running\_acc: 93.8 %

epoch: 20, steps: 200, train\_loss: 0.133, running\_acc: 95.6 %

epoch: 20, steps: 400, train\_loss: 0.122, running\_acc: 95.5 %

epoch: 20, steps: 600, train\_loss: 0.134, running\_acc: 95.2 %

epoch: 20, steps: 800, train\_loss: 0.122, running\_acc: 95.7 %

epoch: 20, steps: 1000, train\_loss: 0.112, running\_acc: 96.0 %

epoch: 20, steps: 1200, train\_loss: 0.129, running\_acc: 95.4 %

epoch: 20, steps: 1400, train\_loss: 0.111, running\_acc: 96.2 %

Validation accuracy: 73.6 %

best validation accuracy is: (74.3, 10)

Finished Training