Activation Functions and Max Pooling

LATEST SUBMISSION GRADE

100%

1. Consider the following code: **1 / 1 point**

```
z = torch.tensor([[[0,0,-1],[-2,0,-2],[-1,0,-1]]])
```

What is the output of torch.relu(z)?

- (•) tensor([[[0,0,0],[0,0,0],[0,0,0]]])
- ( ) tensor([[[1,0,-1],[2,0,-2],[1,0,-1]]])
- ( ) tensor([[[1,0,-1],[2,0,-2],[-1,0,-1]]])

✓ **Correct**
correct

2. Consider the following code: **1 / 1 point**

```
z = torch.tensor([[[1,2,3,-4],[0.0,2.0,-3.0,0],[0,2,3,1],[0,0,0
max_ = torch.nn.MaxPool2d(2, stride=2)
```

What is the output of max_(z)?

- ( ) tensor([[[[2,3,3],[2,3,3],[2,3,3]]]])
- ( ) tensor([[[[0,-3,-4],[0,-3,-3],[0,0,0]]]])
- (•) tensor([[[2., 3.],[2., 3.]]])

✓ **Correct**
correct