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# Week 4 Quiz

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1. Using Image Generator, how do you label images? **1 / 1 point**

- ○ You have to manually do it
- ○ TensorFlow figures it out from the contents
- ◉ It's based on the directory the image is contained in
- ○ It's based on the file name

**Correct**

2. What method on the Image Generator is used to normalize the image? **1 / 1 point**

- ○ normalize
- ○ Rescale_image
- ◉ rescale
- ○ normalize_image

**Correct**

3. How did we specify the training size for the images? **1 / 1 point**

- ○ The training_size parameter on the training generator
- ○ The training_size parameter on the validation generator
- ◉ The target_size parameter on the training generator
- ○ The target_size parameter on the validation generator

**Correct**

4. When we specify the input_shape to be (300, 300, 3), what does that mean? **1 / 1 point**

- ◉ Every Image will be 300x300 pixels, with 3 bytes to define color
- ○ There will be 300 horses and 300 humans, loaded in batches of 3
- ○ Every Image will be 300x300 pixels, and there should be 3 Convolutional Layers
- ○ There will be 300 images, each size 300, loaded in batches of 3

**Correct**

5. If your training data is close to 1.000 accuracy, but your validation data isn't, what's the risk here? **1 / 1 point**

- ◉ You're overfitting on your training data
- ○ You're underfitting on your validation data
- ○ No risk, that's a great result
- ○ You're overfitting on your validation data

**Correct**

6. Convolutional Neural Networks are better for classifying images like horses and humans because: **1 / 1 point**

- ○ In these images, the features may be in different parts of the frame
- ○ There's a wide variety of horses
- ○ There's a wide variety of humans
- ◉ All of the above