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1.	If I want to view the history of my training, how can I access it?	1/1 point
	Pass the parameter 'history=true' to model.fit	
	Create a variable 'history' and assign it to the return of model.fit	
	O Download the model and inspect it	
	Use model.fit to train the model	
	<ul> <li>Correct         Exactly! The History.history attribute is a record of training loss values and metrics values at successive epochs.     </li> </ul>	
2.	If my image is sized 150x150, and I pass a 3x3 convolution over it, what size is the resulting image? Assume you're using the default settings of the Conv2D layer just like in the lectures.  450x450	1/1 point
	O 150x150	
	O 153x153	
	148x148	
3.	What does the image_dataset_from_directory utility allow you to do? Select the best answer.	1/1 point
	The ability to easily load images for training	
	The ability to pick the size of training images	
	The ability to automatically label images based on their directory name	
	All of the above	
	Correct That's right! It can do all the things mentioned above.	
4.	When exploring the graphs, the validation accuracy leveled out at about .75 after 2 epochs, but the training accuracy climbed close to 1.0 after 15 epochs. What's the significance of this?	1/1 point
	There was no point training after 2 epochs, as we overfit to the validation data	
	There was no point training after 2 epochs, as we overfit to the training data	
	A bigger training set would give us better training accuracy	
	A bigger validation set would give us better training accuracy	
	<ul> <li>Correct         Correct! Those values indicate overfitting to the training data.     </li> </ul>	
5.	If my data is sized 150x150, and I use Pooling of size 2x2, what size will the resulting image be?	1/1 point
	O 300x300	
	① 148x148	
	O 149x149	
	▼ 75x75     ▼ 75x75	
	⊙ Correct	

Nailed it! Applying 2x2 pooling would result in a 75x75 image.

6.	What's the name of the API that allows you to inspect the impact of convolutions on the images?	1/1 point
	○ The model.images API	
	The model.layers API	
	○ The model.pools API	
	○ The model.convolutions API	
	⊙ Correct	
7.	Suppose you want to evaluate a model's performance on unseen data. Why is validation accuracy a better metric than training accuracy?	1/1 point
	O It isn't, they're equally valuable	
	O There's no relationship between them	
	The validation accuracy is based on images that the model wasn't trained on, and thus a better indicator of how the model will perform on new images.	
	O The validation dataset is smaller, and thus less accurate at measuring accuracy, so its performance isn't as important	
	⊙ Correct	
8.	Why is overfitting more likely to occur on smaller datasets?	1/1 point
	O Because in a smaller dataset, your validation data is more likely to look like your training data	
	O Because there isn't enough data to activate all the convolutions or neurons	
	O Because with less data, the training will take place more quickly, and some features may be missed	
	Because there's less likelihood of all possible features being encountered in the training process.	
	<ul> <li>Correct         Undoubtedly! A smaller size decreases the likelihood that the model will recognize all possible features during training.     </li> </ul>	