✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Inference Flow

LATEST SUBMISSION GRADE

100%

1. What file(s) make up the intermediate representation of a model?　　　　1 / 1 point

   ○ .xml file

   ○ .h5 file

   ○ .bin file

   ⦿ .xml and .bin files

   ○ .h5 and .xml files

   ✓ **Correct**
   Model Optimizer produces an Intermediate Representation (IR) of the model, which can be read, loaded, and inferred with the Inference Engine. The Intermediate Representation is comprised of a .xml file describing the network topology and a .bin file which contains the weights and biases binary data.

2. What does the first phase of the inference flow require?　　　　1 / 1 point

   ○ Untrained model

   ○ Optimizer

   ○ Protocol buffer

   ⦿ Pre-trained model

   ○ Plugins

   ✓ **Correct**
   In the first phase of the Intel Distribution of OpenVINO toolkit's inference flow, a pre-trained model is required. This model is converted to an intermediate representation via the model optimizer for use with the inference engine.

3. What devices does the inference engine allow developers to target?　　　　1 / 1 point

   ○ CPU

   ○ GPU

   ○ VPU

   ○ FPGA

   ⦿ All of the above

   ○ None of the above

   ✓ **Correct**
   The inference engine provided by the Intel Distribution of OpenVINO toolkit allows developers to target the portfolio of hardware platforms from Intel. These products include Intel® CPU, GPU, VPU and FPGA products.

4. True or false: The inference engine expects models to be converted into intermediate representation files.　　　　1 / 1 point

   ⦿ True

   ○ False

   ✓ **Correct**
   After the Model Optimizer creates an Intermediate Representation, use the Inference Engine to infer input data.

5. True or false: Model Optimizer supports Theano.　　　　1 / 1 point

   ○ True

   ⦿ False

Correct

Model Optimizer supports ONNX*, TensorFlow*, Caffe*, MXNet*, and Kaldi*.

Correct

Model Optimizer supports ONNX*, TensorFlow*, Caffe*, MXNet*, and Kaldi*.