Physics 3710 – Problem Set #11

QED Feynman diagrams

Below, the solid arrows are electrons or positrons, the wavy lines are photons. Describe the "in" and "out" states shown below and describe what happens at each vertex. What is an overall name for each of the diagrams shown? (e.g., "blah-blah scattering," "blah-blah pair creation," etc., where "blah" is the name of a particle)



