Interaction by particle exchange

Feynman diagrams

initial-state particle:	$u(p)$	
final-state particle:	$\bar{u}(p)$	
initial-state antiparticle:	$\bar{v}(p)$	
final-state antiparticle:	$v(p)$	
initial-state photon:	$\varepsilon_\mu(p)$	
final-state photon:	$\varepsilon_\mu^*(p)$	
photon propagator:	$-\dfrac{ig_{\mu\nu}}{q^2}$	
fermion propagator:	$-\dfrac{i(\gamma^\mu q_\mu + m)}{q^2 - m^2}$	
QED vertex:	$-iQe\gamma^\mu$	