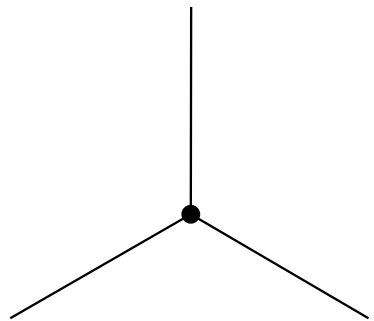
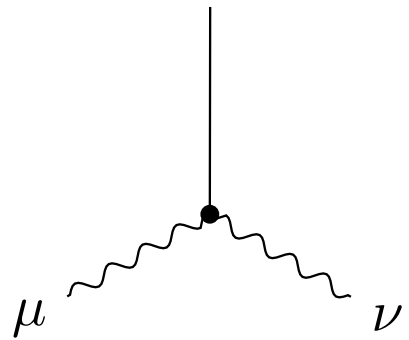
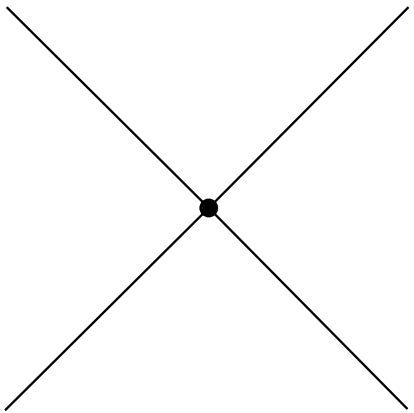


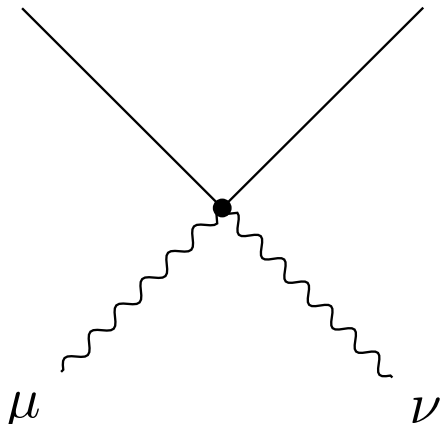
$$= -\frac{3i\lambda v}{\sqrt{2}},$$



$$= i\sqrt{2}ve^2 g^{\mu\nu},$$



$$= -\frac{3i\lambda}{2},$$



$$= ie^2 g^{\mu\nu}.$$