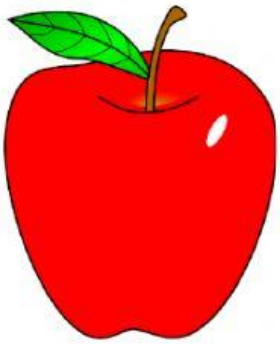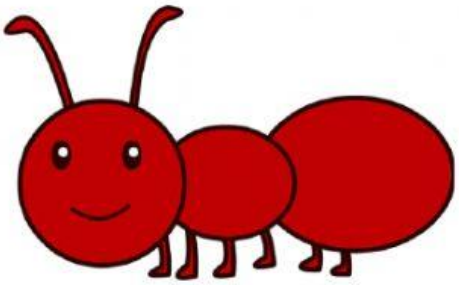a b c a a a a c a c a d c p a p b a a a a a a d a c