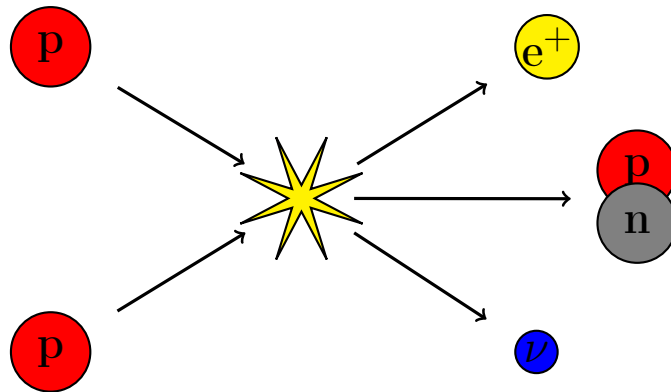# TikZ cheat sheet for exercise 2

styles

$\backslash$tikzset{mystyle/.style={options}

options:

shape: circle, rectangle, star,..., thick, very thick,...
  star: star points=X, star point ratio=Y
  arrow: -latex, ->, <-, |->, ..., shorten >=Xcm, shorten <=Ycm
color: black, blue,..., fill=red, green,...
size: minimum width=Xcm, minimum height=Ycm

nodes

$\backslash$node[options] (coordinatename) {text};
$\backslash$node[options] at (coordinate) {text};

options:

font: font=\tiny, \normalsize, \Huge...
position: based in coordinate: below, above, right, left, below right, ...
syntax: below = Xcm, right = Xcm of coordinate, below right = Xcm and Ycm of coordinate

draw

$\backslash$draw[options] (coordinate1) — (coordinate2);
$\backslash$draw[options] (coordinate1) — (coordinate2.south west);

north, east, south, west, north east,... of coordinate