



all heads
multiplicity = 1
 $P = 1/16 = 0.0625$

all possible outcomes
with 3 heads and 1 tail

multiplicity = 4
 $P = 4/16 = 0.25$

all possible outcomes
with 2 heads and 2 tails

multiplicity = 6
 $P = 6/16 = 0.38$

all possible outcomes
with 1 head and 3 tails

multiplicity = 4
 $P = 4/16 = 0.25$

all tails
multiplicity = 1
 $P = 1/16 = 0.0625$

all possible outcomes
of a series of 4 coin tosses