1. Calculate the expected frequency...

a) ...of rolling a six when rolling a fair die six times. 1

b) ...of rolling a three when rolling a fair die twelve times. 2

c) ...of rolling a one when rolling a fair die eight times. $\frac{4}{3}$

d) ...of rolling a five when rolling a fair die fourteen times. $\frac{7}{3}$

e) ...of flipping heads when flipping a fair coin twelve times. 6

f) ...of flipping tails when flipping a fair coin 9 times. $\frac{9}{2}$

g) ...of rolling a four when rolling a fair die eighteen times. 3

h) ...of rolling a three when rolling a fair die twenty-four times. 4

i) ...of rolling a two when rolling a fair die ten times. $\frac{5}{3}$

j) ...of rolling a five when rolling a fair die sixteen times. $\frac{8}{3}$

k) ...of flipping heads when flipping a fair coin four times. 2

l) ...of flipping tails when flipping a fair coin 7 times. $\frac{7}{2}$

2. Calculate the expected frequency...

a) ...of rolling a six or a one when rolling a fair die six times. 2

b) ...of rolling a three or a five when rolling a fair die twelve times. 4

c) ...of rolling a one, a two or a three when rolling a fair die eight times. 4

d) ...of rolling a five or an even number when rolling a fair die fourteen times. $\frac{21}{3}$

e) ...of flipping heads or tails when flipping a fair coin twelve times. 12

f) ...of rolling a number less than one thousand when rolling a die 9 times. 9

g) ...of rolling a four or a six when rolling a fair die eighteen times. 6

h) ...of rolling a three or a two when rolling a fair die twenty-four times. 8

i) ...of rolling a two, a one or a five when rolling a fair die ten times. 5

j) ...of rolling a five or a four when rolling a fair die sixteen times. $\frac{16}{3}$

k) ...of flipping heads or tails when flipping a fair coin four times. 4

l) ...of rolling a number greater than zero when rolling a fair die fifty times. 50