

(3. a)

	x	P(X=x)	x · P(X=x)
b) if you lose	\$28	0.3	8.4
if you win	\$122	0.2	24.4

c)
$$\frac{100 + 150}{4} = \underline{\underline{\$75}}$$

4

52 cards

12 face cards (J, Q or K)

coin H. \$7

Card face card } \$4
Coin H

face card } \$2
Tail

Not a face card lose \$2