



# Probability Random Variables - Probability Table to Expected Value

**1** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
2	0.10
3	0.10
4	0.80

A	3.7	B	9
C	3	D	4.7

**2** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
1	0.20
2	0.70
3	0.10

A	2.9	B	1.9
C	6	D	2

**3** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
3	0.20
4	0.70
5	0.10

A	4	B	3.9
C	12	D	4.9

**4** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
3	0.30
4	0.40
5	0.30

A	5	B	12
C	4	D	3

**5** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
1	0.10
2	0.10
3	0.80

A	3.7	B	2.7
C	6	D	2

**6** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
1	0.10
2	0.70
3	0.20

A	2.1	B	2
C	3.1	D	6

**7** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
3	0.10
4	0.10
5	0.80

A	4.7	B	12
C	5.7	D	4

**8** What is the expected value  $E(X)$ ?

Find the expected value  $E(X)$ .

X	P(X)
3	0.20
4	0.30
5	0.50

A	4	B	5.3
C	4.3	D	12