



Probability Random Variables - Probability Table and X Between Values to Probability

1

Find the probability.

Find $P(3 < X < 5)$ from the table.

X	P(X)
1	0.10
2	0.20
3	0.20
4	0.20
5	0.30

A	0.80	B	0.30
C	0.70	D	0.20

2

Find the probability.

Find $P(2 < X < 4)$ from the table.

X	P(X)
0	0.20
1	0.10
2	0.20
3	0.20
4	0.10
5	0.20

A	0.20	B	0.30
C	0.80	D	0.50

3

Find the probability.

Find $P(2 < X < 4)$ from the table.

X	P(X)
2	0.20
3	0.20
4	0.40
5	0.20

A	0.80	B	0.10
C	0.20	D	0.30

4

Find the probability.

Find $P(3 \leq X < 5)$ from the table.

X	P(X)
3	0.20
4	0.10
5	0.10
6	0.60

A	0.20	B	0.70
C	0.30	D	0.40

5

Find the probability.

Find $P(3 \leq X < 5)$ from the table.

X	P(X)
2	0.30
3	0.10
4	0.30
5	0.30

A	0.50	B	0.70
C	0.40	D	0.60

6

Find the probability.

Find $P(1 < X < 3)$ from the table.

X	P(X)
1	0.10
2	0.10
3	0.20
4	0.50
5	0.10

A	0.40	B	0.90
C	0.20	D	0.10

7

Find the probability.

Find $P(2 < X \leq 4)$ from the table.

X	P(X)
1	0.10
2	0.10
3	0.20
4	0.40
5	0.10
6	0.10

A	0.50	B	0.60
C	0.70	D	0.40

8

Find the probability.

Find $P(4 \leq X \leq 5)$ from the table.

X	P(X)
2	0.10
3	0.20
4	0.10
5	0.30
6	0.10
7	0.20

A	0.50	B	0.30
C	0.60	D	0.40