

➤ 497

The value of $\lceil x \rceil$ for -2.01 is

➤ -3

➤ 1

➤ -2 (Page 249)

If p = Nadia is hard working ,

q = Nadia is good in mathematics

"Nadia is hard working and good in mathematics" is denoted by

➤ $p \wedge q$ Correct.

➤ $p \wedge \sim q$

➤ $\sim (p \vee q)$

➤ $p \vee q$

A die is thrown twice. What is the probability that the sum of the number of dots shown is 3 or 11?

➤ $\frac{2}{3}$

➤ $\frac{1}{9}$

➤ $\frac{1}{9}$ Correct.

➤ $\frac{1}{2}$

Outcomes with sum of 5 = (1, 2)(2, 1)

Outcomes with sum of 11 = (5, 6), (6, 5)

Total outcomes for 5 & 11 = 4

Total outcome for 2 dice = $6 \times 6 = 36$

Probability = $\frac{4}{36} = \frac{1}{9}$

If A and B are independent events then $P(A/B) =$

➤ $P(B)$

➤ $P(A)$ (Page 272)

➤ $P(A \cap B)$

What is the expectation of the number of heads when three fair coins are tossed?

➤ 1

➤ 1.34

➤ 2

➤ 1.5 (Page 277)

Every relation is

➤ function