



MATHS

BOOKS - JEE MAINS PREVIOUS YEAR

ENGLISH

MATHEMATICAL REASONING

Others

1. The equation of a tangent to the parabola

$y^2 = 8x$ is $y = x + 2$. The point on this line

from which the other tangent to the parabola is perpendicular to the given tangent is (1) $(-1, 1)$ (2) $(0, 2)$ (3) $(2, 4)$ (4) $(-2, 0)$



Watch Video Solution

2. The statement $\sim(p \leftrightarrow \sim q)$ is (1) equivalent to $p \leftrightarrow q$ (2) equivalent to $\sim p \leftrightarrow q$ (3) a tautology (4) a fallacy



View Text Solution

3. The negation of $\sim s \vee (\sim r \wedge s)$ is equivalent to : (1) $s \wedge \sim r$ (2) $s \wedge (r \wedge \sim s)$ (3) $s \vee (r \vee \sim s)$
 (4) $s \wedge r$



[View Text Solution](#)

4. The following statement $(p \rightarrow q) \rightarrow [(p \vee \neg q) \rightarrow q]$ is : (1) $\equiv a \leq nt \rightarrow p \rightarrow q$
 (2) a fallacy (3) $\tau \rightarrow \log y$ (4) $\equiv a \leq nt \rightarrow p \rightarrow q$



[Watch Video Solution](#)

