

11. Contrapositive of the statement

‘If two numbers are not equal, then their squares are not equal’, is :

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- (a) If the squares of two numbers are equal, then the numbers are equal.
- (b) If the squares of two numbers are equal, then the numbers are not equal.
- (c) If the squares of two numbers are not equal, then the numbers are not equal.
- (d) If the squares of two numbers are not equal, then the numbers are equal.

11. (a) $p \rightarrow q$

then $\sim q \rightarrow \sim p$

\therefore If the square of two numbers are equal, then the numbers are equal.