

General Maths - 10th Class General Math English Medium Full Book Short Question

Q1. When are two matrices confirmed for multiplication?

Ans 1: Two matrices A and B are said to be conformable for the product AB, if the numbers of columns in A is equal to the number of rows in B.

Q2. Define the algebraic fractions.

Ans 1:

Q3. Differentiate between singular and non-singular matrices.

Ans 1:

Q4. Are all similar figures congruent? Explain why?

Ans 1: Yes all similar figure are congruent, because all geometrical figures which have the same and same shape are called similar figures. OR

Ans 2: In all similar figures, The sides and angles are congruent. Therefore, all the similar figures are congruent

Q5. Define vertical angles.

Ans 1:

Q6.

Ans 1:

Q7. Express by an equation the fact that the distance from P (x,y) to A (2,3) is twice the distance from p (x,y) to B (3,4).

Ans 1:

Q8. State the Null factor law.

Ans 1: If $a \times b = 0$ then $a = 0$ or $b = 0$ (or both a and b equal to zero). This is called the Null factor law. The Null factor law works only for expression in factors form.

Q9.

Ans 1: Matrix Q has one row and two columns. So, the order of matrix Q is 1-by-2 matrix.

Q10. Define the angle bisector of a triangle.

Ans 1: An angle bisector of a triangle is a line segment that bisects an angle of the triangle and has its other end on the side opposite to that angle.

Q11. What is a transversal?

Ans 1:

Q12.

Ans 1:

Q13. Define the polynomial of degree 'n' .

Ans 1:

Q14.

Ans 1:

Q15. What is meant by the rational expression in its lowest terms?

Ans 1: A rational expression is in its lowest terms, when the numerator and denominator have no common factors other than '1' and '-1'.

Q16. Differentiate between symmetric matrix and skew symmetric matrix.

Ans 1:

Q17.

Ans 1:

Q18.

Ans 1:

Q19.

Ans 1:

Q20.

Ans 1:
