

MATH Exam Paper

Subjective Questions

1. What is the Pythagorean theorem and explain its application?

Answer:

2. Derive the quadratic formula from the general form of a quadratic equation.

Answer:

3. Solve the following system of equations using substitution method: $2x + y = 10$ and $3x - y = 5$.

Answer:

4. What are eigenvalues and eigenvectors? Provide an example.

Answer:

5. Explain how the binomial theorem can be used to expand expressions.

Answer:

6. What is the formula of a triangle?

Answer:

MCQ Questions

7. What is $12 / 4$?

a) 2

b) 3

c) 4

d) 5
