

Edexcel GCSE Mathematics 2024 Foundation Paper 2 Revision Worksheet

Answer all questions. **You may use a calculator.** Show all your working.

Multiple Choice Questions

1. What is the value of $7^2 + 5^2$?
 - a) 49
 - b) 74
 - c) 84
 - d) 100
2. Which of the following is equivalent to $\frac{3}{4}$ as a decimal?
 - a) 0.34
 - b) 0.75
 - c) 0.8
 - d) 0.25
3. The mean of five numbers is 12. What is the total of the five numbers?
 - a) 60
 - b) 17
 - c) 7
 - d) 24
4. What is the solution to $2x + 5 = 19$?
 - a) 12
 - b) 7
 - c) 6
 - d) 8

Fill in the Blank Questions

[Word Bank: 0.2, 75° , 60, 90°]

1. The probability of an impossible event is _____.
2. The sum of the angles in a triangle is _____ degrees.
3. A right angle is _____ degrees.
4. The mode of the data set [60, 60, 75, 90, 75, 60] is _____.

True/False Questions

1. True or False: The square root of 81 is 9.
2. True or False: All prime numbers are even.
3. True or False: 0.25 is equivalent to $\frac{1}{4}$.
4. True or False: The sum of the interior angles of a quadrilateral is 360° .

Short Answer Questions

1. Calculate 15% of 80.
2. Write the number 0.07 as a fraction in its simplest form.
3. Simplify $5x + 2x - 3x$.
4. List all the factors of 18.

Essential Questions

1. Explain how to find the mean of a set of numbers.
2. Describe one method for solving a two-step equation.

Essay Question

1. A shop sells pens in packs of 4 for £1.20 and packs of 10 for £2.
2. Which pack offers better value for money? Show your calculations and explain your reasoning.