

Q1.

- (a) Write 200 as the product of prime factors.
Give your answer in index form.

(3)

- (b) Circle the two pairs of numbers that have: Highest Common Factor (HCF) = 4 and Least Common Multiple (LCM) = 60.

4 and 60

4 and 30

4 and 12

12 and 30

12 and 20

(2)

(Total 5 marks)

Q2.

Circle the value of $\cos 30^\circ$

$$\frac{1}{\sqrt{3}}$$

$$\frac{1}{2}$$

$$\frac{\sqrt{3}}{2}$$

$$\frac{2}{\sqrt{3}}$$

(Total 1 mark)

Q3.

- (a) Work out $1.56 \div 0.4$

(2)

- (b) Write down a decimal that is more than $\frac{7}{11}$ and less than $\frac{7}{9}$

(2)

- (c) Write down a fraction that is more than 41% and less than 42%

(2)

(Total 6 marks)

Q4.

- (a) Expand and simplify $(3x + 2)(2x + 5)$

(2)

- (b) Simplify fully $(3x^2y^4)^2$

(2)

(Total 4 marks)

Q5. Sami is trying to work out the exact value of y using Pythagoras' theorem.

Here is her working.

$$(2y)^2 = 6^2 + 8^2$$

$$2y^2 = 36 + 64$$

$$2y^2 = 100$$

$$y^2 = 100 \div 2$$

$$y^2 = 50$$

$$y = \sqrt{50}$$



Jim King Non Calc Maths Paper

Karin Nielsen-Saines



Jim King Non Calc Maths Paper:

The book delves into Jim King Non Calc Maths Paper. Jim King Non Calc Maths Paper is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Jim King Non Calc Maths Paper, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

- Chapter 1: Introduction to Jim King Non Calc Maths Paper
- Chapter 2: Essential Elements of Jim King Non Calc Maths Paper
- Chapter 3: Jim King Non Calc Maths Paper in Everyday Life
- Chapter 4: Jim King Non Calc Maths Paper in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Jim King Non Calc Maths Paper. The first chapter will explore what Jim King Non Calc Maths Paper is, why Jim King Non Calc Maths Paper is vital, and how to effectively learn about Jim King Non Calc Maths Paper.

3. In chapter 2, this book will delve into the foundational concepts of Jim King Non Calc Maths Paper. The second chapter will elucidate the essential principles that must be understood to grasp Jim King Non Calc Maths Paper in its entirety.

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5. In chapter 4, this book will scrutinize the relevance of Jim King Non Calc Maths Paper in specific contexts. This chapter will explore how Jim King Non Calc Maths Paper is applied in specialized fields, such as education, business, and technology.

6. In chapter 5, the author will draw a conclusion about Jim King Non Calc Maths Paper. The final chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Jim King Non Calc Maths Paper.

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