

GCSE Foundation Revision Mat (2)



1) Write down the next term in this sequence.

4	7	10	13	
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Describe the rule for continuing the sequence.

2) I am decorating my bedroom ceiling. The ceiling is a rectangle and measures 6 m by 4 m. First I paint the ceiling.

a) Work out the area of the ceiling.

Next I put a boarder round the edge of the ceiling.

b) Work out the perimeter of the ceiling.

3) Fill in the table below so that the fractions, decimals and percentages in each row are equivalent to each other.

Fraction	Decimal	Percentage
$\frac{21}{100}$	0.21	21%
	0.48	48%
$\frac{7}{10}$		70%
$\frac{8}{100}$	0.08	

4) This pie chart shows information about the flavours of ice cream sold in a shop on Tuesday.



a) Which was the most popular flavour on Tuesday?

b) 56 ice creams were sold on Tuesday. How many of these were Vanilla?

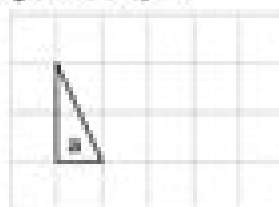
5) Look at these numbers:

5 8 18 25 30 35 40 48 50

From this list, write down any numbers which are:

- a multiple of 15
- a factor of 24
- a common factor of 15 and 20

6) On the grid below, draw a shape congruent to shape A.



7) It takes 1 cleaner 24 hours to complete a cleaning job. If 3 cleaners were to do the job, how long would it take them? Give your answer in hours.

8) Here is a 3D shape:



- Write down the number of edges this shape has.
- How many vertices does the shape have?
- How many faces does the shape have?

9) Factorise:

$$16 - 12b$$

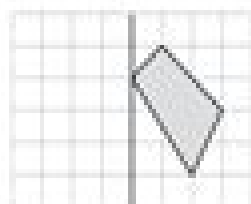
10) Ken had a dentist appointment at 2:40 PM. The appointment lasted for 35 minutes. At what time did Ken's appointment finish?

11) This quadrilateral has two pairs of equal sides. Mark with ° an obtuse angle on the quadrilateral.



12) Work out $53 \div 79$.

13) Reflect this shape in the mirror line.



14) Write these fractions in descending size.

$$\frac{7}{12} \quad \frac{1}{2} \quad \frac{1}{3} \quad \frac{4}{6} \quad \frac{3}{8}$$

15) Use your calculator to find the value of this expression:

$$\frac{5.73 \times 0.08}{12.05 - 11.65}$$

16) The diagram shows a number machine.



- Work out the output when the input is 2
- Work out the output when the input is 1.5
- Work out the input when the output is 20
- Work out the input when the output is 5.6

Gcse Maths Revision

David Floyd



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Gcse Maths Revision : Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels captivating the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the engaging narratives that have charmed audiences this year. The Must-Read : Colleen Hoover "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Gcse Maths Revision : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Gcse Maths Revision : Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, entrancing readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and thrilling novel that will keep you speculating until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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