

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
$\frac{23}{100}$	0.23	23%
	0.48	48%
$\frac{3}{4}$		75%
$\frac{8}{100}$	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 16 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 53×79 .

- 13) Reflect this shape in the mirror line.



- 14) Write these fractions in descending size.

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

- 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

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Ying-Ying Zheng



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web sep 28 2017 cahaya adalah suatu gelombang elektromagnetik atau partikel foton yang dipancarkan oleh benda benda yang mampu bersinar ex matahari dan lampu listrik sehingga memungkinkan mata kita menangkap bayangan benda benda yang berada di sekitar benda bersinar tersebut

14 sifat cahaya ini penjelasan contoh lengkapnya - Jul 27 2022

web sifat sifat cahaya dalam praktiknya cahaya sebagai gelombang energi memiliki sifat atau karakteristik yang dapat dijadikan sebagai tujuan dan fungsinya dalam kehidupan sehari hari sifat cahaya ini memiliki perbedaan dengan bentuk energy lain seperti bunyi getaran dan sebagainya

sifat sifat cahaya dan contohnya kompas com - Jan 01 2023

web jan 12 2022 cahaya adalah energi berbentuk gelombang elektromagnetik yang tidak membutuhkan medium dalam perambatannya benda yang dapat memancarkan cahaya disebut sumber cahaya sumber cahaya di tata surya kita yang paling besar adalah matahari jarak matahari ke bumi sekitar 149 6 juta kilometer

jelaskan sifat sifat cahaya good doctor id - Nov 18 2021

web aug 29 2023 secara keseluruhan sifat sifat cahaya sebagai gelombang elektromagnetik sangat penting dan memiliki pengaruh yang besar dalam kehidupan sehari hari dengan memahami sifat sifat cahaya kita dapat memanfaatkan cahaya

dengan lebih baik dan memahami fenomena fenomena alam yang terkait dengan cahaya 3 cahaya