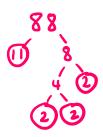


Prime Factorisation



REVISE THIS TOPIC

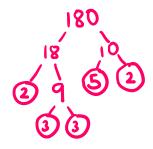
Write 88 as a product of its prime factors.





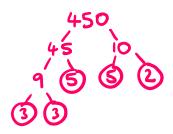
(Total for Question 1 is 2 marks)

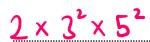
Write 180 as a product of its prime factors.



(Total for Question 2 is 2 marks)

Write 450 as a product of its prime factors.



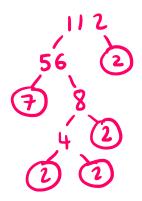


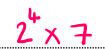
(Total for Question 3 is 2 marks)





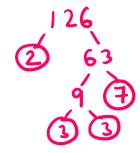
4 Write 112 as a product of its prime factors.

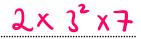




(Total for Question 4 is 2 marks)

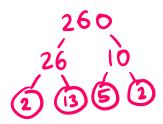
5 Write 126 as a product of its prime factors.





(Total for Question 5 is 2 marks)

6 Write 260 as a product of its prime factors.



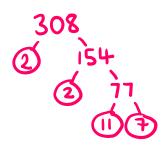


(Total for Question 6 is 2 marks)





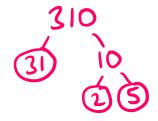
7 Write 308 as a product of its prime factors.





(Total for Question 7 is 2 marks)

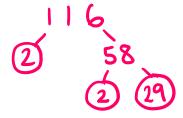
8 Write 310 as a product of its prime factors.

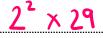




(Total for Question 8 is 2 marks)

9 Write 116 as a product of its prime factors.





(Total for Question 9 is 2 marks)



10 Adil was asked to express 360 as a product of its prime factors.

He says,

"The answer is $2^3 \times 9 \times 5$ "

Is Adil correct?

You must give a reason for your answer.

No - 9 is not prime.

It should be 23×32×5

(Total for Question 10 is 1 mark)

11 Becca thinks of two numbers, A and B.

$$A = 2^3 \times 3^4 \times 11$$

$$B = 10A$$

Write B as a product of its prime factors.

10=2×5



(Total for Question 11 is 2 marks)

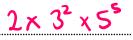
12 Cameron thinks of two numbers, *C* and *D*.

$$C = 2 \times 3^3 \times 5^4$$

$$C: D = 3:5$$

Write *D* as a product of its prime factors.

$$D = \frac{C \times 5}{3}$$



(Total for Question 12 is 2 marks)

