

7 (a) Express 66 as a product of its prime factors.

(2)

(b) Express 132^2 as a product of its prime factors.

(2)

1. (a) Find the highest common factor (HCF) of 24 and 30

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(b) Find the lowest common multiple (LCM) of 4, 5 and 6

3. (a) Express 45 as a product of its prime factors.

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(2)

(b) Find the Highest Common Factor (HCF) of 45 and 30

20. (a) Write 56 as a product of its prime factors.

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(2)

(b) Find the Highest Common Factor (HCF) of 56 and 42

.....
(2)

(Total 4 marks)

15. Express 180 as a product of its prime factors.

15. (a) Express 84 as a product of its prime factors.

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(3)

(b) Find the Highest Common Factor (HCF) of 84 and 35

.....
(2)

(Total 5 marks)

16. (a) Express 252 as a product of its prime factors.

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(3)

James thinks of two numbers.

He says “The Highest Common Factor (HCF) of my two numbers is 3
 The Lowest Common Multiple (LCM) of my two numbers is 45”

(b) Write down two numbers that James could be thinking of.

5. Work out the Highest Common Factor (HCF) of 24 and 64

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(Total 2 marks)

(b) Express 108 as a product of its prime factors.