

# Chlor Exercise 10 (D)

Date 18/10/21  
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1. Find the HCF of the following

a) 8 and 12 = 1, 2, 4

Here, 4 is the last highest common factor among the circled numbers, so, the HCF of 8 and 12 is 4.

b) 12 and 24. Factors of 12 =

1, 2, 3, 4, 6, 12

Factors of 24 = 1, 24, 2, 3, 4, 6, 8, 12, 24

Here 12 is the HCF of 12,



6. 24 and 36: 24: ①, ②, ③, ④, ⑤, ⑥, ⑧, ⑫, ⑱, 24, ③④

36: ①, ②, ④, ⑥, ⑨, ⑫, ⑱, 36 - The HCF of 24 and 36 is 12

19/08/21

Hw Complete 10 (10) <sup>10 pix</sup> in your note book

20/08/21

① 5 and 10: 5: ①, ⑤, 10, 1, 10, 2, ⑤. The HCF of 5 and 10 is 5

② 15 and 30 - 15 - ①, ③, 5

30: ①, ③, 5, 6, ⑩, 2 - The HCF of 15 and 30 is 15

③ 4 and 6 - 4 - ①, ④, ②, 2  
6 - ①, ⑥, ②, ③



The HCF of 3 and 6 is

~~2~~ 3

g. 54 and 72: 54: 1, 54, 6, 9, 18, 27

72: 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

The HCF of 54 and 72 is 18

h. 56 and 70 - 56: 1, ~~56~~, 7, 8, 14, 56

4

70: 1, 70, 7, 10, 14, 5. The HCF

of 56 and 70 is 14

i. 23 and 25: ~~23~~ 23: 1, 23

25: 1, 25

The HCF of 23 and 25 is

1



J. 42 and 56: 42, 14, 42, 14, 3

56: 14, 56, 14, 4. The HCF of

42 and 56 is 14.