

EX-8A

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i)  $15 = 1, 3, 5, 15$

ii)  $55 = 1, 5, 11, 55$

iii) ~~The factors~~  $48 = 1, 2, 3, 4, 6, 8, 12, 16,$   
 $24 \text{ and } 48$

iv) ~~The~~  $36 = 1, 2, 3, 4, 6, 9, 12, 18, 36$

v)  $84 = 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42,$   
 $84$



vi)  $16 = 2 \times 2 \times 2 \times 2$   
PF = 2

vii)  $27 = 3 \times 3 \times 3$   
PF = 3

viii)  $6 = 2 \times 3$   
PF = 2 and 3

ix)  $24 = 2, 3$

HCF = Highest common factor

HCF of 18 and 24

number that can divide both 18 and 24  
methods

1) Common factor method

2) Prime factor method

3) Division method

① common factor method :-

$F_{18} = 1, 2, 3, 6, 9$  and 18

$F_{24} = 1, 2, 3, 4, 6, 8, 12,$  and 24

HCF = 6