

Exercise - 10(D)

1. a) $8 = 1 \times 8$
 4×2

Hcf = 4

$12 = 1 \times 12$
 2×6
 3×4

b) $12 = 1 \times 12$
 2×6
 3×4

Hcf = 12

$24 = 1 \times 24$
 2×12
 3×8
 4×6

c) $24 = 1 \times 24$
 2×12
 3×8
 4×6

Hcf = 12

$36 = 1 \times 36$
 2×18
 3×12
 4×9

d) $5 = 5 \times 1$

Hcf = 5

~~10~~ $10 = 5 \times 2$
 $= 1 \times 10$

e) $15 = 1 \times 15$
 3×5

Hcf = 15

$30 = 1 \times 30$
 2×15
 3×10
 6×5

f) $4 = 4 \times 1$
 2×2

Hcf = 2

$6 = 6 \times 1$
 $= 3 \times 2$

g) $54 = 2 \times 27$
 1×54
 3×18

Hcf = 6

$72 = 6 \times 12$
 1×72

a) $56 = 1 \times 56$
 2×28
 4×14

$\therefore \text{Hcf} = 14$

$70 = 1 \times 70$
 2×35
 5×14

i) $23 = 1 \times 23$

$\text{Hcf} = 1$

$25 = 1 \times 25$
 5×5

j) $42 = 1 \times 42$
 2×21
 6×7
 3×14

$\text{Hcf} = 14$

$56 = 1 \times 56$
 2×28
 4×14
 7×8