

Solutions – Fractional Indices (A)

Find the value of $(25/36)^{3/2}$

125/216

Find the value of $(25/4)^{-1/2}$

2/5

Find the value of $(9/4)^{-1/2}$

2/3

Find the value of $(64/125)^{2/3}$

16/25

Find the value of $(25/9)^{3/2}$

125/27

Find the value of $9^{-3/2}$

1/27

Solutions – Fractional Indices (B)

Find the value of $(125/8)^{-1/3}$

$2/5$

Find the value of $(27/64)^{2/3}$

$9/16$

Find the value of $(125/27)^{-1/3}$

$3/5$

Find the value of $(64/27)^{1/3}$

$4/3$

Find the value of $8^{1/3}$

2

Find the value of $8^{-1/3}$

$1/2$

Solutions – Fractional Indices (C)

Find the value of $(27/8)^{2/3}$

9/4

Find the value of $(25/16)^{-3/2}$

64/125

Find the value of $(8/125)^{-2/3}$

25/4

Find the value of $125^{4/3}$

625

Find the value of $(27/8)^{-1/3}$

2/3

Find the value of $64^{1/3}$

4

Solutions – Fractional Indices (D)

Find the value of $9^{3/2}$

27

Find the value of $(25/16)^{-1/2}$

4/5

Find the value of $4^{-3/2}$

1/8

Find the value of $64^{-4/3}$

1/256

Find the value of $125^{1/3}$

5

Find the value of $8^{2/3}$

4

Solutions – Fractional Indices (E)

Find the value of $(4/9)^{-1/2}$

$3/2$

Find the value of $(8/27)^{1/3}$

$2/3$

Find the value of $(16/9)^{-1/2}$

$3/4$

Find the value of $64^{4/3}$

256

Find the value of $27^{-4/3}$

$1/81$

Find the value of $(9/25)^{3/2}$

$27/125$

Solutions – Fractional Indices (F)

Find the value of $(8/125)^{2/3}$

$4/25$

Find the value of $(4/9)^{-3/2}$

$27/8$

Find the value of $64^{-4/3}$

$1/256$

Find the value of $64^{-1/3}$

$1/4$

Find the value of $4^{3/2}$

8

Find the value of $(27/64)^{2/3}$

$9/16$

Solutions – Fractional Indices (G)

Find the value of $(8/27)^{4/3}$

16/81

Find the value of $4^{1/2}$

2

Find the value of $(4/9)^{-1/2}$

3/2

Find the value of $64^{-4/3}$

1/256

Find the value of $(9/4)^{3/2}$

27/8

Find the value of $125^{-2/3}$

1/25

Solutions – Fractional Indices (H)

Find the value of $9^{1/2}$

3

Find the value of $(9/25)^{-3/2}$

125/27

Find the value of $(216/125)^{-1/3}$

5/6

Find the value of $27^{-2/3}$

1/9

Find the value of $8^{2/3}$

4

Find the value of $9^{1/2}$

3

Solutions – Fractional Indices (I)

Find the value of $(8/125)^{-1/3}$

5/2

Find the value of $64^{2/3}$

16

Find the value of $(125/27)^{-4/3}$

81/625

Find the value of $(125/216)^{1/3}$

5/6

Find the value of $(25/4)^{-1/2}$

2/5

Find the value of $(125/27)^{2/3}$

25/9

Solutions – Fractional Indices (J)

Find the value of $25^{-3/2}$

$1/125$

Find the value of $16^{-1/2}$

$1/4$

Find the value of $(9/4)^{1/2}$

$3/2$

Find the value of $(125/64)^{2/3}$

$25/16$

Find the value of $125^{1/3}$

5

Find the value of $(9/4)^{-1/2}$

$2/3$