

26.4

1 α) $\frac{1}{1024} = 4^{\textcolor{violet}{5}}$

β) $\sqrt[11]{64} = 4^{\textcolor{violet}{\frac{3}{11}}}$

γ) $\frac{1}{\sqrt[9]{16}} = 4^{\textcolor{violet}{-\frac{2}{9}}}$

2 4^2

6 4^{-2}

10 $4^{\frac{3}{5}}$

13 $4^{\frac{2}{9}}$

3 4^3

7 4^{-1}

11 $4^{\frac{2}{7}}$

14 $4^{\frac{3}{8}}$

4 4^5

8 4^{-3}

12 $4^{\frac{4}{3}}$

15 $4^{\frac{-4}{3}}$

5 4^4

9 4^{-4}

16 $4^{\frac{-1}{11}}$