$2^{-1} = \frac{1}{2}$

$2^0 = 1$

$2^{\frac{2}{3}} = \sqrt[3]{2^2}$

$\frac{2}{3^{-1}} = \frac{2}{\frac{1}{3}} = \frac{7}{3}$

$\frac{5}{7^{-1}} = \frac{5}{\frac{1}{7}} = 5 \cdot \frac{7}{1} = 35$

$\left(2^{\frac{1}{3}}\right)^{\frac{3}{2}} = 2^{\frac{1}{2}} = \sqrt{2}$

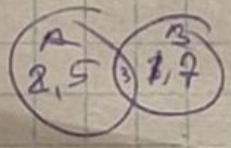
$5^{\frac{2}{3}} \cdot 5^{\frac{1}{3}} = 5^{\frac{2}{3}+\frac{1}{3}} = \sqrt[3]{5}$

$2^{\frac{16}{9}} = \sqrt[9]{2^{16}} = \sqrt[9]{2^9 2^7} = 2\sqrt[9]{2^7}$

$(a^{\frac{1}{2}} - b^{\frac{1}{2}})(a^{\frac{1}{2}} + b^{\frac{1}{2}}) = a - b$

$A = \{2, 3, 5\}$

$B = \{1, 3, 7\}$



$A \cap B = \{3\}$

$A \cup B = \{1, 2, 3, 5, 7\}$

$A \setminus B = \{2, 5\}$

$A \triangle B = (A \setminus B) \cup (B \setminus A) = \{2, 5, 1, 7\}$

$0 \notin A$

$2 \in A$

$A \not\subset B$