Rational Exponents

Ex: 6
(ㄷ) $\left(x^{-1}\right)^{m / n}$

$$
x^{-m / n}
$$

$\sqrt[n]{x^{3 m}}$

$$
\begin{aligned}
& \text { (8) } 27^{2 / 6}+10^{3 / 4}-\left(\frac{1}{3}\right)^{-1}+(-3)^{0} \\
& \left(3^{3}\right)^{3 / 2}+\left(2^{4}\right)^{3}-(3)^{2}+1 \\
& 3^{2}+2^{3}-3+1 \\
& 9+8-3+1
\end{aligned}
$$

$$
15
$$

