

## § 8.5 冪関数の逆関数

### 問題 8.5

(1) 
$$\sqrt[4]{81} = \sqrt[4]{3^4} = 3 .$$

(2) 
$$\sqrt[5]{-2}^{15} = (\sqrt[5]{-2}^5)^3 = (-2)^3 = -8 .$$

(3) 
$$\sqrt[6]{64} = \sqrt[6]{2^6} = 2 .$$