

4.1.15

$$g) (-32)^{\frac{1}{5}} = \sqrt[5]{-32} = -2$$

$$\left(-32^{\frac{1}{5}} = -\sqrt[5]{32} = -2 \right)$$

$$h) (32)^{-\frac{1}{5}} = \sqrt[5]{32^{-1}} = \sqrt[5]{\frac{1}{32}} = \frac{1}{2}$$

||

$$\left(\frac{1}{32} \right)^{\frac{1}{5}} = \sqrt[5]{\frac{1}{32}} = \frac{1}{2}$$

$$\frac{\sqrt[5]{1}}{\sqrt[5]{32}} = \frac{1}{\sqrt[5]{32}}$$