

Solutions

2.1 $(-2)^3 = -8$.

2.2 $1/2 = 0.5$.

2.3 $x^2 = 4$ gives ± 2 ; choose the positive value.

3.1 False. Substitution would require division by zero. Its domain excludes zero; $x=0$ is a vertical asymptote.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.