

Homework

p. 417: 48-55

ERROR ANALYSIS Describe and correct the error in solving the equation.

48.

$$x^3 = 27$$

$$x = \sqrt[3]{27}$$

$$x = 9$$



49.

$$x^4 = 81$$

$$x = \sqrt[4]{81}$$

$$x = 3$$



SOLVING EQUATIONS Solve the equation. Round the result to two decimal places when appropriate.

50. $x^3 = 125$

51. $5x^3 = 1080$

52. $x^6 + 36 = 100$

53. $(x - 5)^4 = 256$

54. $x^5 = -48$

55. $7x^4 = 56$