

**Quiz 68** .....

Solve. Check for extraneous solutions.

1.  $\sqrt{x} + 2 = 6$

2.  $\sqrt{2x - 3} = 1$

3.  $2\sqrt{x + 1} = \sqrt{3x + 4}$

4.  $\sqrt{5x - 1} = \sqrt{x - 9}$

5.  $\sqrt[3]{x + 9} + 4 = 2$