Solving Radical Equations

1. Solve for x: $3\sqrt{2x+5} - 15 = 0$

- 5. For the equation $\sqrt{x+21} = x+1$, the solution set for x is
 - A. { }
- B. {-5}
- C. $\{-5,4\}$
- D. {4}

- 2. If $4\sqrt{5} = \sqrt{n}$, the value of *n* is
 - A. 10
- B. 20
- C. 80
- D. 100

- 3. What is the solution set of the equation $\sqrt{9x^2 11} = 5$?
 - A. {0}
- B. {2}
- C. {-2}
- D. $\{2, -2\}$

- 4. The solution set of the equation $\sqrt{2x+15} = x$ is
 - A. $\{5, -3\}$
- B. {5}
- C. {-3}
- D. {}

- 6. Solve: $\sqrt[3]{x^2 + 2} = 3$
 - A. $\pm\sqrt{5}$
- B. $\pm\sqrt{7}$
- C. ±1
- D. ±5
- E. no solution

Acces format version 4.4.158 © 1997–2011 EducAide Software Licensed for use by Problem-Attic

Solving Radical Equations 02/16/2013

1. 10 Answer: 2. C Answer: 3. Answer: D 4. В Answer: 5. D Answer: 6.

Answer:

D