

13 The volume of a rectangular prism is  $(6n^3 - 4n)$ . The height of the prism is  $(-2n)$ . What is the area of the base of the prism?

- A.  $3n^2 - 2$
- B.  $-3n^2 + 2$
- C.  $-3n^2$
- D.  $3n^2$

14 Which of the following is closest to the

value of  $\frac{7 - \sqrt{2}}{2}$ ?

- A. 1.1
- B. 2.8
- C. 6.0
- D. 6.3

Questions 15 and 16 are short-answer questions.

15 What is the solution to the equation  $\sqrt{x} = 16$ ?

16 The volume of the ice cream cone in the diagram below is  $12\pi$  cubic centimeters. If the height of the ice cream cone is 9 centimeters, what is the diameter of the opening of the cone?

