	Find the value of 3x-2x ² when x = -3. A) -27 B) -18 C) 0 D) 9	 A square-shaped playground has an area of 290 ft². Approximately how long is one side of the playground? A) 12 ft B) 17 ft C) 36 ft D) 73 ft
	 Why is one of the square roots of any positive number less than zero? A) because a negative number times a negative number is a positive number B) because a negative number times a negative number is a negative number C) because a negative number times a positive number is a negative number D) because a negative number times a positive number is a positive number 	 Which of the following best represents √39? A number between A) 3 and 4 B) 6 and 7 C) 7 and 8 D) 8 and 10
fect cubes.	A right triangle has legs 5 units and 8 units in length and hypotenuse x units in length. Part A What is the exact value of x ? Leave your answer in terms of a square root. Between what two consecutive whole numbers is the value of x ? Explain your answer. Part B The side length of another right triangle is $\sqrt{75}$ units. Determine the length of this side to the nearest tenth. Show your work and explain your answer.	

Evaluate square roots of small perfect	Sunil wants to find a side length of a cube with a volume of 27 cubic units. To find the length of one side, Sunil sets up the following equation: $s^3 = 27$. Which equation below shows the correct value of <i>s</i> ? A. $s = \sqrt{27}$ B. $s = \sqrt[3]{3}$ C. $s = 3^3$ D. $s = \sqrt[3]{27}$	
	Which square root below is approximately equal to 2? A. $\sqrt{3}$ B. $\sqrt{5}$ C. $\sqrt{7}$ D. $\sqrt{8}$	 What is √7 approximated to the nearest hundredth? A. 2.60 B. 2.64 C. 2.65 D. 3.50
ositive rational number. all perfect cubes.	A planter box in the shape of a cube had a volume of 125 cubic inches. What was the length of one edge of the box?A. 5 inchesB. 15 inchesC. 25 inchesD. 42 inches	Which equaton has both 4 and -4 as possible values of y? A. $y^2 = 8$ B. $y^3 = 8$ C. $y^2 = 16$ D. $y^3 = 64$
X^{2} =p and X^{3} =p, where p is a possuares and cube roots of small	Which statement best describes the value of $\sqrt{8}$? A. The value of $\sqrt{8}$ is between 2 and 2.5. B. The value of $\sqrt{8}$ is between 2.5 and 3. C. The value of $\sqrt{8}$ is between 3 and 3.5. D. The value of $\sqrt{8}$ is between 3.5 and 4.	A square garden has an area of 64 square meters. The equation below can be used to determine the length (x), in meters, of each side of the garden. $x^2 = 64$ Which expression represents the length of each side of the garden? A. $\sqrt{64}$ meters B. $64 \div 2$ meters C. $64 \cdot 2$ meters D. 64^2 meters