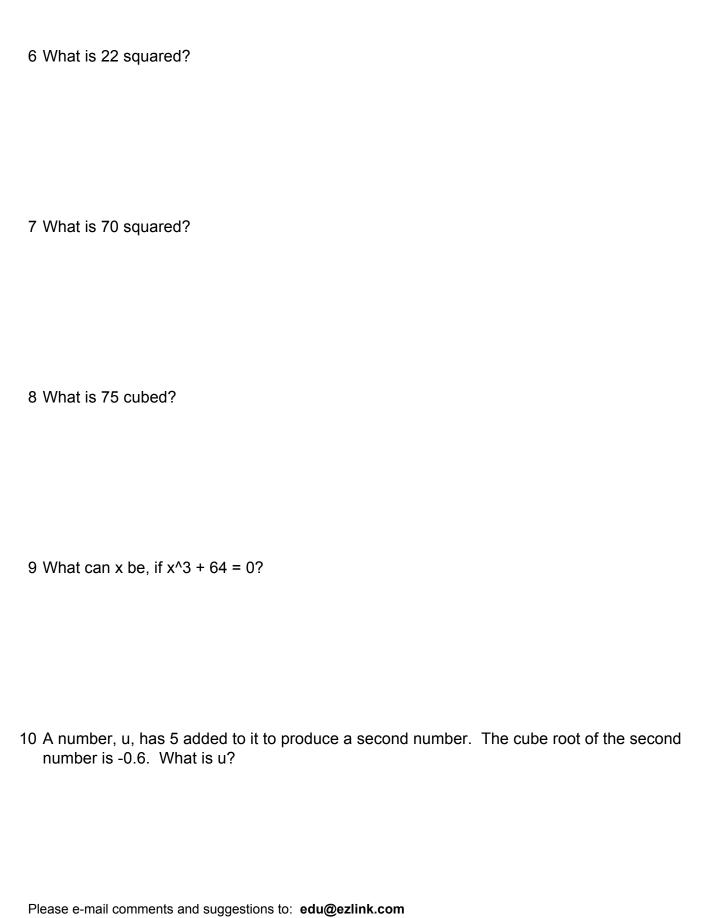
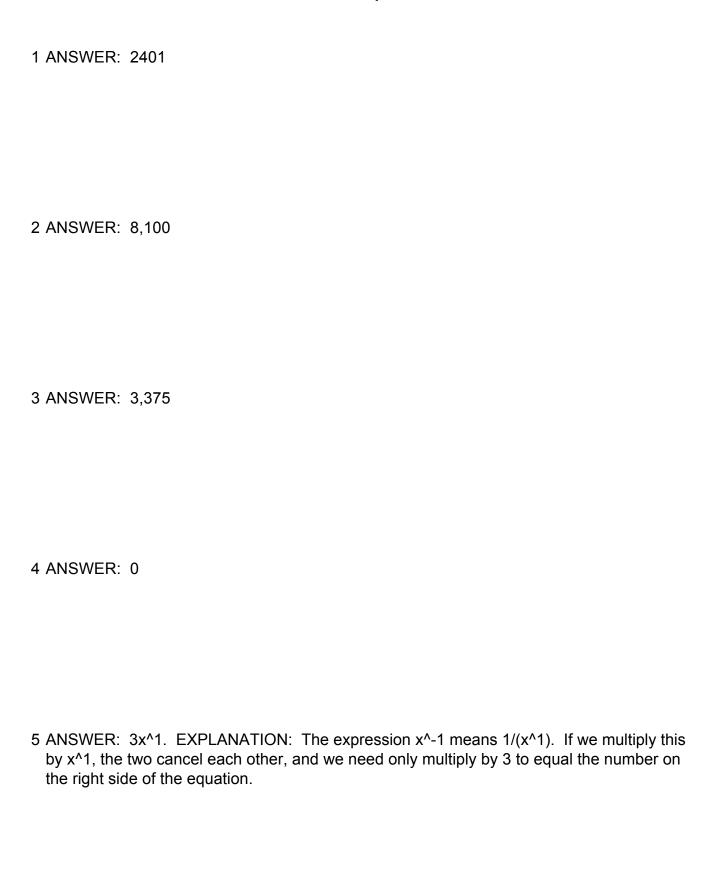


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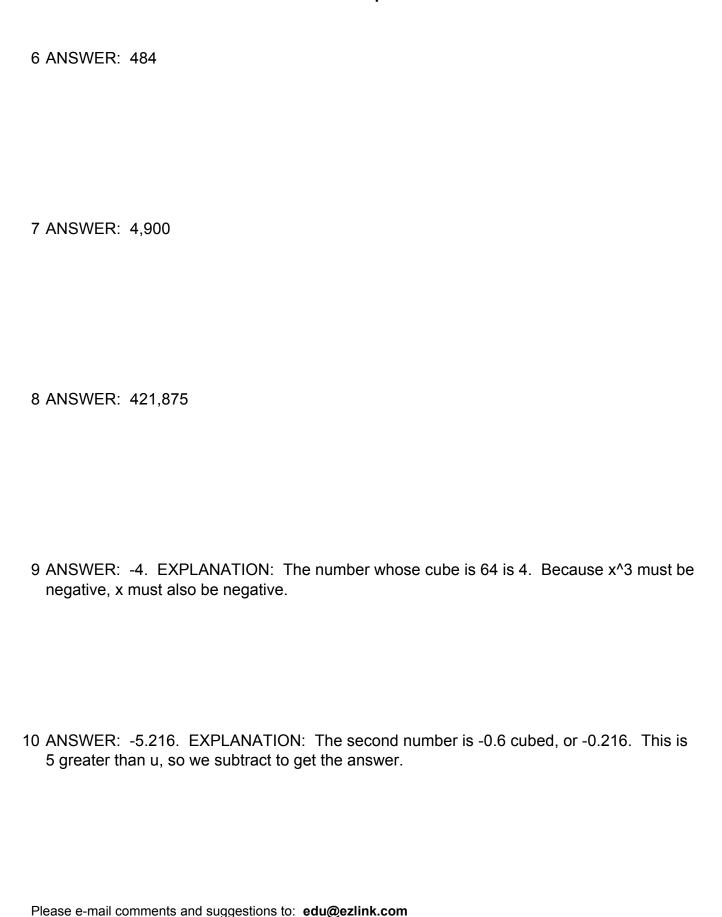


11	A number, q, has 19 added to it to produce a second number number is -0.4. What is q?	r. The fifth root of the second
12	A number, r, has 11 added to it to produce a second number number is 0.9. What is r?	. The cube root of the second
13	A number, p, has 5 added to it to produce a second number. number is 0.1. What is p?	The fifth root of the second
14	If $x^2 + x = 30$ , what are the two possible values of $x^2 - x$ ?	
15	What is the square root of 625?	

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	ANSWER: -19.01024. EXPLANATION: The second number is -0.4 to the fifth power, or -0.01024. This is 19 greater than q, so we subtract to get the answer.
	ANSWER: -10.271. EXPLANATION: The second number is 0.9 cubed, or 0.729. This is 11 greater than r, so we subtract to get the answer.
	ANSWER: -4.99999. EXPLANATION: The second number is 0.1 to the fifth power, or 0.00001. This is 5 greater than p, so we subtract to get the answer.
	ANSWER: 5 and -6. EXPLANATION: You can factor $x^2 + x$ to be $x(x+1)$ . These are consecutive integers that multiply to a product of 30. The first two such integers that come to mind are 5 and 6, and of course, -6 and -5 form the other solution.
15	ANSWER: 1764