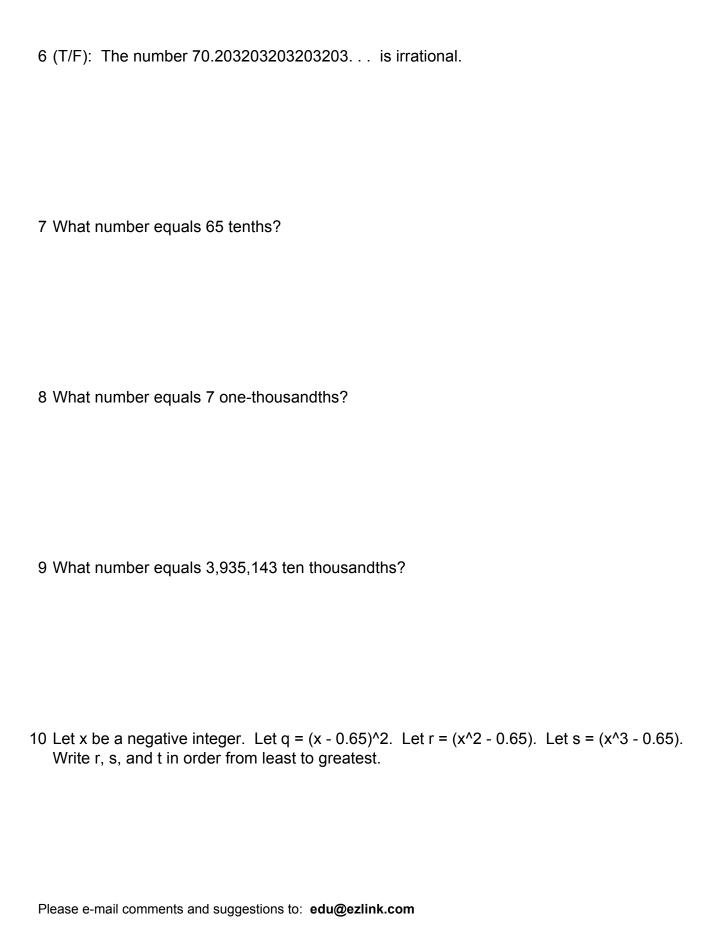
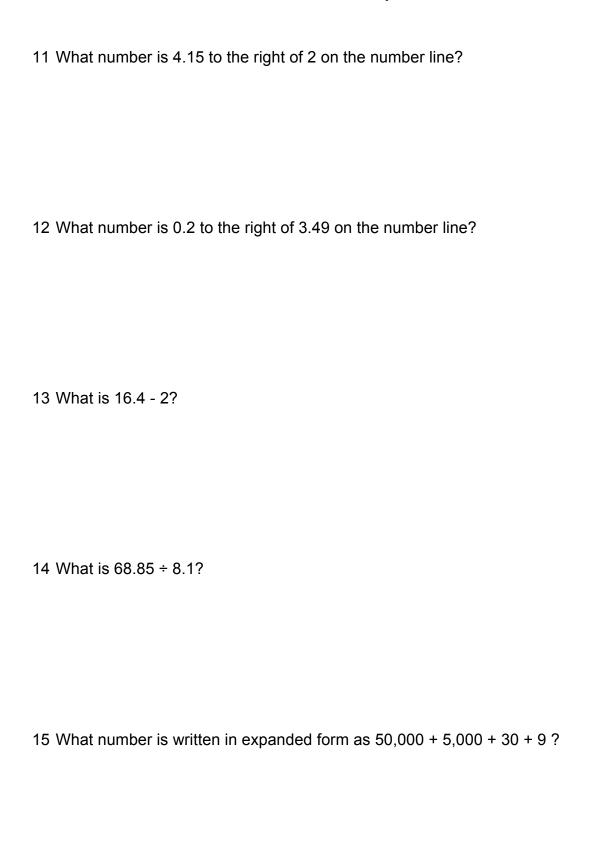
1	What number equals the Roman numeral CC?
2	What is the base 10 equivalent of the base four number 30?
3	What is the base 10 equivalent of the base three number 2221?
4	(T/F): 11 is an odd number.
5	(T/F): The square root of 45 is a rational number.





1	ANSWER:	200				
2	ANSWER:	12				
3	ANSWER:	79				
	ANSWER: in 0, 2, 4, 6					
5	ANSWER: Since there irrational.					45 is

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6 ANSWER: False. EXPLANATION: A rational number has one or more digits to the right of the decimal point that repeat forever. In this case, the number 203 repeats forever, so the number is rational.
7 ANSWER: 6.5. EXPLANATION: To solve this, simply multiply 65 by 0.10.
8 ANSWER: 0.007. EXPLANATION: To solve this, simply multiply 7 by 0.001, which is equivalent to moving the decimal point three places to the left
9 ANSWER: 393.5143
10 ANSWER: s, r, q. EXPLANATION: Clearly, q and r will both be positive, but s will be negative, so s will be least. Subtracting 0.65 from the negative integer x before squaring it means the resulting square is larger than it would otherwise have been, so (x - 0.65)^2 must be greater than x^2, and q must be greater than r.

11	ANSWER:	6.15
12	ANSWER:	3.69
13	ANSWER:	14.4
14	ANSWER:	8.5
		55,039. EXPLANATION: To convert numbers from expanded notation, simply individual numbers shown in the expanded notation. In this case, the total is