Practice Problems for Numbers
from www.topmath.info

1 What number equals 4,481,883 one-millionths?

2 What number is 3 to the left of 5 on the number line?

3 What is the sum of -18, -18, 22, 23, 7, and 1?

4 What number is 17.42 to the left of 19.93 on the number line?

5 What is 7.4 + 9.6?

6 What is 1 x 6.8?

7 What number is written in expanded form as 4000 + 8 ?

8 What is the Roman numeral equivalent of 3?

9 What is the base 10 equivalent of the base three number 122?

10 What is the base 10 equivalent of the binary number 11101?

11 (T/F): 11 is an even number.

12 (T/F): -1627.421 is an odd number.

13 (T/F): The number 12.254254254254254. . . is rational.

14 What number equals 62 tens?

15 What number equals 957 one-hundredths?

1 ANSWER: 4.481883

2 ANSWER: 2

3 ANSWER: 17. EXPLANATION: One way to do this is to find the sums of the negative and positive numbers separately, and then find the difference between these two sums.

4 ANSWER: 2.51

5 ANSWER: 17.0

6 ANSWER: 6.8

7 ANSWER: 4,008. EXPLANATION: To convert numbers from expanded notation, simply add up the individual numbers shown in the expanded notation. In this case, the total is 4,008.

8 ANSWER: III

9 ANSWER: 17

10 ANSWER: 29

11 ANSWER: False. EXPLANATION: A number is even if and only if it is an integer that ends in 0, 2, 4, 6, or 8. Integers that end in 1, 3, 5, 7, or 9 are odd. Since 11 ends in 1, it is odd.

12 ANSWER: False. EXPLANATION: A number that has digits to the right of the decimal points is neither even nor odd, so it is false to say that -1627.421 is odd.

13 ANSWER: True. EXPLANATION: A rational number has one or more digits to the right of the decimal point that repeat forever. In this case, the number 254 repeats forever, so the number is rational.

14 ANSWER: 620. EXPLANATION: To solve this, simply multiply 62 by 10.

15 ANSWER: 9.57. EXPLANATION: To solve this, simply multiply 957 by 0.01.