Java Practice Questions

Write the following code and answer the questions

public class NumbersAndMath

{

public static void main( String[] args )

{

System.out.println( "I will now count my chickens:" );

//it’s printing out “I will now count my chickens:”

System.out.println( "Hens " + ( 25 + 30 / 6 ) );

// printing out “hens 30 divide by 6 then plus 25

System.out.println( "Roosters " + ( 100 - 25 \* 3 % 4 ) );

// printing “rooster + 100 – 25 then multiply by 3 then the power of 4 but in BEDMAS order

System.out.println( "Now I will count the eggs:" );

// printing out “now I will count the eggs”

System.out.println( 3 + 2 + 1 - 5 + 4 % 2 - 1 / 4 + 6 );

// prints out 3 plus 2 plus 1 minus 5 plus 4 power of 2 minus 1 divide by 4 plus 6

System.out.println( "Is it true that 3 + 2 < 5 - 7?" );

// asking if it is true 5 less than -2 and the answer is

false

System.out.println( 3 + 2 < 5 - 7 );

// 5 less than -2 and it false

System.out.println( "What is 3 + 2? " + ( 3 + 2 ) );

// asking what is 3 + 2 and the answer is 5

System.out.println( "What is 5 - 7? " + ( 5 - 7 ) );

//

System.out.println( "Oh, that's why it's false." );

System.out.println( "How about some more." );

System.out.println( "Is it greater? " + ( 5 > -2 ) );

System.out.println( "Is it greater or equal? " + ( 5 >= -2 ));

System.out.println( "Is it less or equal? " + ( 5 <= -2 ) );

}

}

1. Add comments above each line to explain what the line is doing.
2. Why are there no decimals?
3. Why do some numbers evaluate to True or False while others evaluate to other numbers.