

Math 2001: PHW5

1. From the book do:
 - 5: 2, 4, 14
 - 6: 4, 6, 14
 - 8: 2, 6, 14
2. Color all the odd numbers in Pascal's triangle red and all the even numbers blue. What pattern do you get? Describe it as precisely as you can.
3. Use (OYC) and (ATY) to determine the number of full house hands in a deck of 52 cards (a full house is 3 of a kind + a different 2 of a kind).