

# ALGEBRA 2

Fri., Mar. 22/Mon., Mar. 25

Sec. 10.5 pp. 575-578

Work by hand using factorials: 9, 10, 26, 30

Identify P or C. Do not work: 37-40

Solve: 18, 33, 70

Probability Handout

1-13

Tues., Mar. 26/Wed., Mar. 27

Sec. 10.1 pp. 542-544

4, 5, 10, 13, 14c, 15, 17, 19

Probability Handout

14-23

*May skip  
individual  
parts—  
NOT  
whole  
problems!*

Thurs., Mar. 28/Mon., Apr. 1

Probability Handout

24-32

*May skip individual parts—  
NOT whole problems!*

Tues., Apr. 2/Wed., Apr. 3

Sec. 10.5 p. 577

53, 54, 56 (3<sup>rd</sup> term), 57 (5<sup>th</sup> term)

Probability Handout

33a, 34, 35, 36

**No Skips!**

Thurs., Apr. 4/Fri., Apr. 5

Probability Handout

33b, 37, 38, 39

Conditional Probability &

Expected Value Handout

*May skip individual parts—  
NOT whole problems!*

Mon., Apr. 8/Tues., Apr. 9

Review Probability

*Journal Due*

Wed., Apr. 10/Thurs., Apr. 11

*Probability Test*

*Math Matters Due Next Class*

Sec. 10.1 pp. 542-544

4. 6; HP, HP, HW, TP, TP, TW

10. a) 80% b) 26%

14. c) about 0.47  $\approx$  47%

Sec. 10.5 pp. 575-578

10. 210

18. 720

26. 56

30. 330

38. permutations; The order is important; 720

40. combinations; The order is not important; 80,730

70. 840

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54.  $4096p^6 - 6144p^5q + 3840p^4q^2 - 1280p^3q^3 + 240p^2q^4 - 24pq^5 + q^6$

56.  $2000s^{12}$

57.  $135u^2v^8$