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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Algebra For the College Bound** | | | | | | | | |
| **January**  **2017** | |  | | | | | | | | |
| **Sun** | **Mon** | | **Tue** | **Wed** | | | **Thu** | | **Fri** | **Sat** |
| **1** | **2** | | **3** | **4**  **prof Dev.** | | | **5**  **Classic Resume**  **5.1 Inverse Functions**  **pg.326 3-15(\*3)16,18-45(\*3)49-53 odd, 56,57,61,63** | | **6**  **5.1 cont’d**  **pg.32868,71,74,77,81-126(\*3)** | **7** |
| **8** | **9**  **5.2 Exponential functions pg.339 1-19odd,27-81(\*3)** | | **10**  **5.2 cont’d** | **11**  **5.3 Logarithms pg.349 1,2,3-99(\*3)108** | | | **12** | | **13**  **5.4 Logarithmic Functions pg.358 1-9odd,12-30(\*3) 31-39,42,47a,50a,53b,54b,57,61a,66** | **14** |
| **15** | **16**  **No School MLK Day** | | **17**  **Review 5.1-5.2** | **18**  **Review 5.1-5.2**  **pg.326 2,5,8,11,16,17, 22,27,29,30,33, 38,41,45,55,64, 77,84** | | | **19**  **pg.339 1,5,8,11,13,29,34,48,49,53,55,61,71,76** | | **20**  **Review 5.3-5.4 pg.349 4,7,11,17,23, 29,31,37,43, 55,71,79,85, 95 pg.351 1,2,7 pg.358 5,11,13,22,23, 28,29,39,48, 49,55,61b,65** | **21** |
| **22** | **23**  **Review Logs Due** | | **24**  **Quiz 5.1-5.4** | **25**  **5.5 Exponential Logarithms and Ineq**  **pg. 366 1-7odd, 9-109eoo** | | | **26** | | **27**  **5.5 cont’d** | **28** |
|  | **February**  **2017** | |  |  | | |  | |  |  |
| **Sun** | **Mon** | | **Tue** | **Wed** | | | **Thu** | | **Fri** | **Sat** |
| **29** | **30**  **5.6 Further Application and modeling pg.375 1,5,8,9,13,15,17, 21-37odd,43,47, 49** | | **31**  **5.6 Cont’d** | **1**  **Review**  **pg.369 1-10**  **pg.366 4-112(\*4)**  **pg.375 3,7,11,19,22,30, 39,41** | | | **2** | | **3**  **Review** | **4** |
| **5** | **6**  **Review Domains, Equations composition pg.382 3-69(\*3)** | | **7**  **Review Logs due** | **8**  **Review** | | | **9** | | **10**  **Test Ch.5** | **11** |
| **12** | **13**  **6.1 Parabolas pg.401 1-8, 57-64,69-114(\*3)**  **6.1 Circles pg.401 9-54(\*3)** | | **14**  **6.1 applications pg.404 118,119, 122-124** | **15**  **6.2 Ellipses pg.414 11-45odd**  **Constructing Ellipses** | | | **16** | | **17**  **no school conferences** | **18** |
| **19** | **20**  **6.2 hyperbolas pg.413 1-8, 47-83odd, 91-99odd** | | **21**  **6.3 Summary of Conics pg.423 2-34even, 41, 43, 49,53,59-62,65** | **22**  **6.3 Summary**  **notecars/flipbook** | | | **23** | | **24**  **Review pg.414 12,18,24,32,40, 46,48,60,64**  **Pg.617 1-10** | **25** |
|  | **March**  **2017** | |  |  | | |  | |  |  |
| **Sun** | **Mon** | | **Tue** | **Wed** | | | **Thu** | | **Fri** | **Sat** |
| **26** | **27**  **Ellipse**  Pg 414 23-45 odd | | **28**  **Ellipse**  Wks Completing the square | **1  Hyperbola**  wks  pg. 415 – 59-83 odd | | | **2** | | **3**  **Hyperbola**  Wks Completing the Square | **4** |
| **5** | **6**  **Identifying Conics**  wks | | **7**  **Review Conics** | | **8**  **TEST Conics**  **7.1 Systems of Equations**  pg. 445 – 1-17 odd, 29-33 odd, 37, 61, 62 | | **9** | | **10**  **NO SCHOOL** | **11** |
| **12** | **13**  **7.1 System Of Equations (nonlinear)**  #71-75 odd, 81, 85-91 odd, 101 | | **14**  **7.2 Solution of Systems in 3 Variables**  pg. 454 – 5-11 odd, 25, 27, 33, 37 | **15**  **7.2 Cont’d**  Triple Word Problems wks | | | **16** | | **17**  **NO SCHOOL** | **18** |
| **19** | **20**  **SPRING BREAK**  **20-24** | | **21** | **22** | | | **23** | | **24** | **25** |
| **26** | **27**  **7.7 System of Ineq.**  PG. 509 – 1-13EOO, 15, 31, 35, 43-47 odd, 51 | | **28**  **7.7 Cont’d** | **29**  **Review 7.1-7.2, 7.7** | | | **30** | | **31**  **TEST**  7.1-7.2, 7.7 | **1** |
| **April 2017** | | | | | | | | | | |
| **Sun** | **Mon** | | **Tue** | **Wed** | | **Thu** | | **Fri** | | **Sat** |
| **2** | **3**  **7.3 Solutions by Row Transformations**  pg. 465# 11-21 odd, 33-45 EOO, 65 | | **4**  **7.3 Cont’d** | **5**  **7.4 Matrix Properties & Operations**  pg. 478# 11, 13, 19-51 EOO, 53, 61, 69, 73, 79 | | **6** | | **7**  **Quiz 7.3-7.4**  **(Short quiz concept check)** | | **8** |
| **9** | **10**  **7.5 Determinants**  **(2X2 only)**  pg. 489# 5, 7, 27, 29 | | **11**  **7.6 Solutions of Linear Systems (2X2 only)**  pg. 498# 1, 3, 9, 13, 25, 35, 37, 55 | **12**  **Review**  Pg. 522# 1-9 odd, 15, 19, 25, 29, 31, 35, 39, 41, 47, 55, 59, 73 | | **13** | | **14**  **Test 7.3-7.6** | | **15** |
| **16** | **17**  **8.1 Sequence and Series**  pg. 535# 5-45 EOO, 55-63 EOO, 65 | | **18**  **8.1 Cont’d** | **19**  **8.2 Arithmetic Sequence & Series**  pg. 542# 3-27 odd (skip 15, 23), 31, 37-61 EOO, 63 | | **20** | | **21**  **NO SCHOOL**  **Inclement Weather Day** | | **22** |
| **23** | **24**  **8.3 Geometric Sequence & Series**  pg. 551# 1-11 odd, 17-25 EOO, 27-43 EOO, 49-61 EOO, 67, 69 | | **25**  **Review**  Pg. 589# 1-35 odd | **26**  **Review** | | **27** | | **28**  **Quiz 8.1-8.3** | | **29** |
| **May 2017** | | | | | | | | | | |
| **Sun** | **Mon** | | **Tue** | **Wed** | | **Thu** | | **Fri** | | **Sat** |
| **30** | **1**  **8.4 Counting Theory**  pg. 560# 5-33 EOO, 23, 35, 41, 48, 52, 58, 70 | | **2**  **8.4 Cont’d** | **3**  **8.5 Binomial Theorem**  pg. 568# 1-29 EOO, 15, 27, 39, 43 | | **4** | | **5**  **Senior Skip Day** | | **6** |
| **7** | **8**  **8.7 Probability**  pg. 582# 3-13 odd, 17-27 odd, 31-36 all | | **9**  **8.7 Cont’d** | **10**  **Review**  Pg.589 #1-37 EOO, 39-51 odd, 59-75 odd | | **11** | | **12**  **Test Ch. 8** | | **13** |
| **14** | **15**  **Final Review** | | **16**  **Final Review** | **17**  **Senior Finals** | | **18**  **Senior Finals** | | **19** | | **20** |
| **21** | **22** | | **23**  **LHS Graduation** | **24** | | **25** | | **26** | | **27** |