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| 1.VÝROKY |
| 1. | A |
| 2. | B |
| 3. | D |
| 4. | D |
| 5. | D |
| 6. | B |
| 7. | D |
| 8. | E |
| 2.MNOŽINY |
|  1. | C |
| 2. | 4 |
| 3. | 1 |
| 4. | -1 |
| 5. | 7 |
| 6. | 64 |
| 7. | E |
| 8. | C |
| 9. | B |
| 10. | 1,2-krát |

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| 3.VÝRAZY |
| 1. | B |
| 2. | 1 |
| 3. | 16 |
| 4. | E |
| 5. | D |
| 6. | C |
| 7. | 25 |
| 8. | -14 |

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| 4.TEÓRIA ČÍSEL |
| 1. | 20 |
| 2. | 56,5 |
| 3. | 1554 |
| 4. | C |
| 5. | 77733 |
| 6. | 75555/55557 |
| 7. | 78 |
| 8. | D |
| 9. | B |
| 10. | 0,7 |
| 11. | 5 |
| 12. | 60 |
| 13. | 36 |
| 14. | 135 |
| 15. | C |

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| 5.ROVNICE |
|  1. | 2 |
| 2. | 5 |
| 3. | B |
| 4. | 2 |
| 5. | 0,5 |
| 6. | E |
| 7. | 7 |
| 8. | 9 |
| 9. | D |
| 10. | 2 |
| 11. | 500 |
| 12. | -3 |
| 13. | 4 |
| 14. | -9 |
| 15. | -11 |
| 16. | -1,42 |
| 17. | 5 |
| 18. | -43 |
| 19. | E |
| 20. | -4 |
| 6.NEROVNICE |
| 1. | -1 |
| 2. | 13 |
| 3. | -3 |
| 4. | 2 |
| 5. | 2,5 |
| 6. | C |
| 7. | 8 |
| 8. | A |
| 9. | B |
| 10. | E |
| 7.SÚSTAVY ROVNÍC A NEROVNÍC |
| 1. | 2 |
| 2. | -1 |
| 3. | 1,5 |
| 4. | -4,5 |
| 5. | D |

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| 8.MATEMATIZÁCIA |
| 1. | 81 |
| 2. | 1121 |
| 3. | E |
| 4. | 90 |
| 5. | 50 |
| 6. | E |
| 7. | 125 |
| 8. | B |
| 9. | 17,07 |
| 10. | A |
| 11. | 956 |
| 12. | C |
| 13. | 36 |
| 14. | 420 |
| 15. | 100 |
| 16. | 2 |
| 17. | 6 |
| 18. | B |
| 19. | B |
| 9.EKONOMIKA A MATEMATIKA |
| 1. | 120 |
| 2. | 1120 |
| 3. | 2828,6 |
| 4. | 3,98 |
| 5. | 17,7 |
| 6. | -2 |
| 7. | 19,97 |
| 8. | 90 |
| 9. | D |
| 10. | 22,22 |
| 10.FUNKCIE-VLASTNOSTI |
| 1. | B |
| 2. | 2 |
| 3. | -0,4 |
| 4. | a=11, b=-5 |
| 5. | B |
| 6. | A |
| 7. | 15 |
| 8. | 0,5 |
| 9. | B |
| 10. | B |
| 11. | E |
| 12. | -6 |
| 13. | 2 |
| 14. | 3,96 |
| 15. | C |
| 16. | 8,25 |

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| 11.FUNKCIE-GRAFY |
| 1. | 3 |
| 2. | A |
| 3. | C |
| 4. | E |
| 5. | 123 |
| 6. | D |
| 7. | 52 |
| 8. | 4 |
| 9. | 5 |
| 10. | D |
| 12.LINEÁRNA FUNKCIA |
| 1. | -0,5 |
| 2. | A(0;10) |
| 3. | -7 |
| 4. | -10 |
| 5. | A |
| 6. | -8 |
| 13.KVADRATICKÁ FUNKCIA |
| 1. | 5 |
| 2. | E |
| 3. | -2 |
| 4. | -11 |
| 5. | -3 |
| 6. | B |
| 14.LINEÁRNA LOMENÁ FUNKCIA |
| 1. | 0,8 |
| 2. | 2 |
| 3. | 4 |
| 4. | 0,5 |
| 5. | A |
| 6. | A |
| 15.EXPONENCIÁLNA FUNKCIA |
| 1. | 2,54 |
| 2. | B |
| 3. | -2 |
| 4. | E |
| 5. | 9 |
| 6. | E |
| 7. | -5 |
| 8. | E |

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| 16.LOGARITMICKÁ FUNKCIA |
| 1. | B |
| 2. | A |
| 3. | 12 |
| 4. | 0,3 |
| 5. | 33 |
| 6. | E |
| 7. | 846 |
| 8. | 2,65 |
| 9. | 2 |
| 10. | 2 |
| 17.GONIOMETRICKÁ FUNKCIA |
| 1. | E |
| 2. | 3 |
| 3. | C |
| 4. | $$\frac{43π}{8}$$ |
| 5. | 12,5π |
| 6. | 90° |
| 7. | 146° |
| 8. | E |
| 9. | 75° |
| 10. | A |
| 11. | 120° |
| 12. | 300° |
| 13. | 20° |
| 14. | D |
| 15. | 1,25 |
| 16. | 75° |
| 17. | -2 |
| 18. | D |
| 19. | D |
| 18.TROJUHOLNÍK |
| 1. | 56 |
| 2. | 4,9 |
| 3. | 2,4 |
| 4. | 3,46 |
| 5. | E |
| 6. | 22,62° |
| 7. | 4,36 |
| 8. | 8 |
| 9. | 3 |
| 10. | B |
| 11. | 153 |
| 12. | 10 |
| 13. | D |
| 14. | B |
| 15. | 19,47° |
| 16. | A |

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| 17. | 5,18 |
| 18. | 150° |
| 19. | 82,82° |
| 20. | 5 |
| 21. | B |
| 22. | 1,39 |
| 23. | D |
| 24. | 36,87° |
| 25. | 43 |
| 26. | 40 |
| 27. | 7,85 |
| 28. | 297 |
| 29. | 28 |
| 30. | 10,58 |
| 31. | 2,78 |
| 32. | B |
| 19.POSTUPNOSŤ |
| 1. | 2 |
| 20.ARITMETICKÁ POSTUPNOSŤ |
| 1. | 154 |
| 2. | 290 |
| 3. | 47 |
| 4. | 4 |
| 5. | 499 |
| 6. | 10716 |
| 7. | C |
| 21.GEOMETRICKÁ POSTUPNOSŤ |
| 1. | -1 |
| 2. | 11 |
| 3. | 3 |
| 4. | -0,5 |
| 5. | 3 |
| 6. | -128 |
| 7. | 2106 |
| 22.PODOBNOSŤ |
| 1. | 6,75 |
| 2. | -0,5 |
| 3. | 3 |
| 4. | 1,75 |
| 5. | 27 |
| 23.MNOHOUHOLNÍK |
| 1. | 10 |
| 2. | 10° |
| 3. | 48,81 |
| 4. | 30° |
| 5 | 10,39 |
| 6. | 6 |
| 7. | 50 |

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| 8. | 7 |
| 9. | 96 |
| 10. | 30° |
| 11. | 52 |
| 12. | 3 |
| 13. | 13 |
| 14. | D |
| 15. | 75° |
| 16. | 0,5 |
| 17. | 180° |
| 24.STEREOMETRIA- KOCKA |
| 1. | C |
| 2. | B |
| 3. | A |
| 4. | 17,9 |
| 5. | 2 |
| 6. | 35,26° |
| 7. | E |
| 8. | D |
| 9. | 3200 |
| 10. | -7 |
| 11. | 19,47° |
| 12. | 2,24 |
| 12. | 120 |
| 25.STEREOMETRIA- HRANOL |
| 1. | 39 |
| 2. | 5,5 |
| 3. | 26,68° |
| 4. | 2,4 |
| 5. | 10 |
| 6. | 30 |
| 7. | 2,5 |
| 8. | 3 |
| 9. | 61,55 |
| 10. | A |
| 26.STEREOMETRIA- IHLAN |
| 1. | D |
| 2. | 7,5 |
| 3. | A |
| 4. | 500 |
| 5. | 45° |
| 6. | 27,7 |
| 7. | 360° |
| 27.STEREOMETRIA-VALEC |
| 1. | 1,41 kg |
| 2. | 13 |

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| 3. | C |
| 4. | 2,5 |
| 5. | A |
| 6. | A |
| 7. | 6 |
| 8. | 270,04 |
| 9. | ? |
| 10. | 1:2 |
| 28.STEREOMETRIA- KUŽEĽ |
| 1. | 785,398 |
| 2. | 4312 |
| 3. | 462 |
| 4. | C |
| 5. | 1232 |
| 6. | B |
| 29.STEREOMETRIA- GUĽA |
| 1. | 4 |
| 2. | 2 |
| 30.ANALYTICKÁ GEOMETRIA |
| 1. | 0,730 |
| 2. | ? |
| 3. | B |
| 4. | -2 |
| 5. | 1,5 |
| 6. | 16 |
| 7. | D |
| 8. | -1 |
| 9. | 19° |
| 10. | 13 |
| 11. | -6 |
| 12. | 1 |
| 13. | 2 |
| 14. | -10 |
| 15. | 1 |
| 16. | 10 |
| 17. | -19 |
| 18. | -16 |
| 19. | 2,38 |
| 20. | D |
| 21. | 8 |
| 22. | 12 |
| 23. | -10 |
| 24. | B |
| 25. | -16 |
| 26. | B |
| 27. | -9 |
| 28. | 0,5 |

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| 31.KRUŽNICA |
| 1. | B |
| 2. | 7 |
| 3. | A |
| 4. | A |
| 5. | C |
| 6. | 23,66 |
| 7. | 2,57 |
| 8. | 3,75 |
| 9. | C |
| 10. | B |
| 11. | 6 |
| 12. | B |
| 13. | 63° |
| 14. | A |
| 15. | 10 |
| 16. | C |
| 17. | 6 |
| 32.KOMBINATORIKA |
| 1. | 9990 |
| 2. | 96 |
| 3. | 100 |
| 4. | E |
| 5. | 70 |
| 6. | 252 |
| 7. | 495 |
| 8. | 6 |
| 9. | B |
| 10. | 4 |
| 11. | 21 |
| 12. | 78125 |
| 13. | C |
| 14. | 20 |
| 33.PRAVDEPODOBNOSŤ |
| 1. | C |
| 2. | C |
| 3. | B |
| 4. | 0,1 |
| 5. | E |
| 6. | $$\frac{1}{8}$$ |
| 7. | D |
| 8. | D |
| 9. | B |
| 10. | 0,93 |
| 11. | 0,4 |
| 12. | D |
| 15. | E |
| 16. | B |

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| 34.ŠTATISTIKA |
| 1. | 4,7 |
| 2. | 15 |
| 3. | 0,07 |
| 4. | 36 |
| 5. | 3 |
| 6. | 81 |
| 7. | 4 |
| 8. | 2,25 |
| 9. | 20 |
| 10. | A |
| 11. | 7 |
| 12. | -1 |
| 13. | 24 |
| 14. | 1,231 |
| 15. | 5,5 |
| 16. | E |
| 17. | 2 |