**Ключ1**

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| --- | --- | --- |
| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [318581](https://mathb-ege.sdamgia.ru/problem?id=318581) | 36 |
| 2 | [506352](https://mathb-ege.sdamgia.ru/problem?id=506352) | 3241. |
| 3 | [27516](https://mathb-ege.sdamgia.ru/problem?id=27516) | -2|-2,0 |
| 4 | [513729](https://mathb-ege.sdamgia.ru/problem?id=513729) | 0,081 |
| 5 | [285923](https://mathb-ege.sdamgia.ru/problem?id=285923) | 0,225 |
| 6 | [26680](https://mathb-ege.sdamgia.ru/problem?id=26680) | 202500 |
| 7 | [506889](https://mathb-ege.sdamgia.ru/problem?id=506889) | 2413 |
| 8 | [506853](https://mathb-ege.sdamgia.ru/problem?id=506853) | 14 |
| 9 | [27555](https://mathb-ege.sdamgia.ru/problem?id=27555) | 6 |
| 10 | [506491](https://mathb-ege.sdamgia.ru/problem?id=506491) | 860 |
| 11 | [506336](https://mathb-ege.sdamgia.ru/problem?id=506336) | 48 |
| 12 | [506810](https://mathb-ege.sdamgia.ru/problem?id=506810) | 7 |
| 13 | [27070](https://mathb-ege.sdamgia.ru/problem?id=27070) | 360 |
| 14 | [509586](https://mathb-ege.sdamgia.ru/problem?id=509586) | 12,3 |
| 15 | [26618](https://mathb-ege.sdamgia.ru/problem?id=26618) | 8 |
| 16 | [26770](https://mathb-ege.sdamgia.ru/problem?id=26770) | -5 |
| 17 | [26650](https://mathb-ege.sdamgia.ru/problem?id=26650) | -1 |
| 18 | [510013](https://mathb-ege.sdamgia.ru/problem?id=510013) | 2431 |
| 19 | [514772](https://mathb-ege.sdamgia.ru/problem?id=514772) | 11133|11313|13113|31113|33111|31311|31131|13311|13131|11331 |
| 20 | [99567](https://mathb-ege.sdamgia.ru/problem?id=99567) | 15 |
| 21 | [514916](https://mathb-ege.sdamgia.ru/problem?id=514916) | 108 |

**Ключ2**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [26617](https://mathb-ege.sdamgia.ru/problem?id=26617) | 12 |
| 2 | [507050](https://mathb-ege.sdamgia.ru/problem?id=507050) | 3412 |
| 3 | [500884](https://mathb-ege.sdamgia.ru/problem?id=500884) | 31,1 |
| 4 | [510314](https://mathb-ege.sdamgia.ru/problem?id=510314) | 24 |
| 5 | [320170](https://mathb-ege.sdamgia.ru/problem?id=320170) | 0,25 |
| 6 | [500886](https://mathb-ege.sdamgia.ru/problem?id=500886) | 34 |
| 7 | [509719](https://mathb-ege.sdamgia.ru/problem?id=509719) | 4213 |
| 8 | [507065](https://mathb-ege.sdamgia.ru/problem?id=507065) | 1 |
| 9 | [27546](https://mathb-ege.sdamgia.ru/problem?id=27546) | 6 |
| 10 | [509593](https://mathb-ege.sdamgia.ru/problem?id=509593) | 96 |
| 11 | [510244](https://mathb-ege.sdamgia.ru/problem?id=510244) | 60 |
| 12 | [506641](https://mathb-ege.sdamgia.ru/problem?id=506641) | 6,5 |
| 13 | [509781](https://mathb-ege.sdamgia.ru/problem?id=509781) | 180 |
| 14 | [509586](https://mathb-ege.sdamgia.ru/problem?id=509586) | 12,3 |
| 15 | [509668](https://mathb-ege.sdamgia.ru/problem?id=509668) | 22 |
| 16 | [26889](https://mathb-ege.sdamgia.ru/problem?id=26889) | 0,5 |
| 17 | [26659](https://mathb-ege.sdamgia.ru/problem?id=26659) | -4 |
| 18 | [511930](https://mathb-ege.sdamgia.ru/problem?id=511930) | 3412 |
| 19 | [514042](https://mathb-ege.sdamgia.ru/problem?id=514042) | 1375|9375 |
| 20 | [99609](https://mathb-ege.sdamgia.ru/problem?id=99609) | 600 |
| 21 | [514913](https://mathb-ege.sdamgia.ru/problem?id=514913) | 19 |

**Ключ3**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [509960](https://mathb-ege.sdamgia.ru/problem?id=509960) | 20 |
| 2 | [506352](https://mathb-ege.sdamgia.ru/problem?id=506352) | 3241. |
| 3 | [510202](https://mathb-ege.sdamgia.ru/problem?id=510202) | 12 |
| 4 | [523098](https://mathb-ege.sdamgia.ru/problem?id=523098) | 980 |
| 5 | [1024](https://mathb-ege.sdamgia.ru/problem?id=1024) | 0,25 |
| 6 | [510898](https://mathb-ege.sdamgia.ru/problem?id=510898) | 134|235 |
| 7 | [510146](https://mathb-ege.sdamgia.ru/problem?id=510146) | 1324 |
| 8 | [513743](https://mathb-ege.sdamgia.ru/problem?id=513743) | 14|41 |
| 9 | [507527](https://mathb-ege.sdamgia.ru/problem?id=507527) | 2400 |
| 10 | [506574](https://mathb-ege.sdamgia.ru/problem?id=506574) | 1146 |
| 11 | [27212](https://mathb-ege.sdamgia.ru/problem?id=27212) | 87 |
| 12 | [514394](https://mathb-ege.sdamgia.ru/problem?id=514394) | 3 |
| 13 | [27074](https://mathb-ege.sdamgia.ru/problem?id=27074) | 1,5 |
| 14 | [509208](https://mathb-ege.sdamgia.ru/problem?id=509208) | 2,33 |
| 15 | [77365](https://mathb-ege.sdamgia.ru/problem?id=77365) | 190 |
| 16 | [506274](https://mathb-ege.sdamgia.ru/problem?id=506274) | 4000 |
| 17 | [77368](https://mathb-ege.sdamgia.ru/problem?id=77368) | -1,5 |
| 18 | [510733](https://mathb-ege.sdamgia.ru/problem?id=510733) | 1243 |
| 19 | [506263](https://mathb-ege.sdamgia.ru/problem?id=506263) | 578|587|758|785|857|875 |
| 20 | [99600](https://mathb-ege.sdamgia.ru/problem?id=99600) | 240 |
| 21 | [514912](https://mathb-ege.sdamgia.ru/problem?id=514912) | 23 |

**Ключ4**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [323517](https://mathb-ege.sdamgia.ru/problem?id=323517) | 11 |
| 2 | [506128](https://mathb-ege.sdamgia.ru/problem?id=506128) | 4312 |
| 3 | [27512](https://mathb-ege.sdamgia.ru/problem?id=27512) | 20 |
| 4 | [514383](https://mathb-ege.sdamgia.ru/problem?id=514383) | 36 |
| 5 | [320197](https://mathb-ege.sdamgia.ru/problem?id=320197) | 0,19 |
| 6 | [77358](https://mathb-ege.sdamgia.ru/problem?id=77358) | 467,5 |
| 7 | [506497](https://mathb-ege.sdamgia.ru/problem?id=506497) | 2413 |
| 8 | [506537](https://mathb-ege.sdamgia.ru/problem?id=506537) | 34 |
| 9 | [244983](https://mathb-ege.sdamgia.ru/problem?id=244983) | 3 |
| 10 | [513102](https://mathb-ege.sdamgia.ru/problem?id=513102) | 1,5 |
| 11 | [27045](https://mathb-ege.sdamgia.ru/problem?id=27045) | 1500 |
| 12 | [506358](https://mathb-ege.sdamgia.ru/problem?id=506358) | 6 |
| 13 | [509601](https://mathb-ege.sdamgia.ru/problem?id=509601) | 6 |
| 14 | [509706](https://mathb-ege.sdamgia.ru/problem?id=509706) | 5 |
| 15 | [26619](https://mathb-ege.sdamgia.ru/problem?id=26619) | 20 |
| 16 | [506800](https://mathb-ege.sdamgia.ru/problem?id=506800) | 0,75 |
| 17 | [509632](https://mathb-ege.sdamgia.ru/problem?id=509632) | 1 |
| 18 | [506500](https://mathb-ege.sdamgia.ru/problem?id=506500) | 1324 |
| 19 | [507058](https://mathb-ege.sdamgia.ru/problem?id=507058) | 699 |
| 20 | [323855](https://mathb-ege.sdamgia.ru/problem?id=323855) | 10 |
| 21 | [514909](https://mathb-ege.sdamgia.ru/problem?id=514909) | 17 |

**Ключ5**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [77337](https://mathb-ege.sdamgia.ru/problem?id=77337) | 7 |
| 2 | [506412](https://mathb-ege.sdamgia.ru/problem?id=506412) | 4312 |
| 3 | [26874](https://mathb-ege.sdamgia.ru/problem?id=26874) | 6 |
| 4 | [512909](https://mathb-ege.sdamgia.ru/problem?id=512909) | 10 |
| 5 | [282856](https://mathb-ege.sdamgia.ru/problem?id=282856) | 0,995 |
| 6 | [510119](https://mathb-ege.sdamgia.ru/problem?id=510119) | 79 |
| 7 | [510147](https://mathb-ege.sdamgia.ru/problem?id=510147) | 2431 |
| 8 | [510924](https://mathb-ege.sdamgia.ru/problem?id=510924) | 34 |
| 9 | [27544](https://mathb-ege.sdamgia.ru/problem?id=27544) | 6 |
| 10 | [506351](https://mathb-ege.sdamgia.ru/problem?id=506351) | 0,1 |
| 11 | [515835](https://mathb-ege.sdamgia.ru/problem?id=515835) | 80 |
| 12 | [510126](https://mathb-ege.sdamgia.ru/problem?id=510126) | 49 |
| 13 | [27070](https://mathb-ege.sdamgia.ru/problem?id=27070) | 360 |
| 14 | [510310](https://mathb-ege.sdamgia.ru/problem?id=510310) | 26,25 |
| 15 | [515734](https://mathb-ege.sdamgia.ru/problem?id=515734) | 256 |
| 16 | [26883](https://mathb-ege.sdamgia.ru/problem?id=26883) | 9 |
| 17 | [512584](https://mathb-ege.sdamgia.ru/problem?id=512584) | 3 |
| 18 | [510693](https://mathb-ege.sdamgia.ru/problem?id=510693) | 4231 |
| 19 | [511912](https://mathb-ege.sdamgia.ru/problem?id=511912) | 264|286|462|682 |
| 20 | [99597](https://mathb-ege.sdamgia.ru/problem?id=99597) | 25 |
| 21 | [512508](https://mathb-ege.sdamgia.ru/problem?id=512508) | 51 |

**Ключ6**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [510912](https://mathb-ege.sdamgia.ru/problem?id=510912) | 136 |
| 2 | [511613](https://mathb-ege.sdamgia.ru/problem?id=511613) | 2314 |
| 3 | [505373](https://mathb-ege.sdamgia.ru/problem?id=505373) | 10 |
| 4 | [525230](https://mathb-ege.sdamgia.ru/problem?id=525230) | 3 |
| 5 | [320195](https://mathb-ege.sdamgia.ru/problem?id=320195) | 0,006 |
| 6 | [516302](https://mathb-ege.sdamgia.ru/problem?id=516302) | 467 |
| 7 | [509639](https://mathb-ege.sdamgia.ru/problem?id=509639) | 3241 |
| 8 | [522283](https://mathb-ege.sdamgia.ru/problem?id=522283) | 13 |
| 9 | [245000](https://mathb-ege.sdamgia.ru/problem?id=245000) | 1 |
| 10 | [511901](https://mathb-ege.sdamgia.ru/problem?id=511901) | 456 |
| 11 | [27189](https://mathb-ege.sdamgia.ru/problem?id=27189) | 40 |
| 12 | [506259](https://mathb-ege.sdamgia.ru/problem?id=506259) | 3,2 |
| 13 | [509223](https://mathb-ege.sdamgia.ru/problem?id=509223) | 16 |
| 14 | [509766](https://mathb-ege.sdamgia.ru/problem?id=509766) | 2,75 |
| 15 | [77353](https://mathb-ege.sdamgia.ru/problem?id=77353) | 75 |
| 16 | [26754](https://mathb-ege.sdamgia.ru/problem?id=26754) | 49 |
| 17 | [26657](https://mathb-ege.sdamgia.ru/problem?id=26657) | 6 |
| 18 | [506480](https://mathb-ege.sdamgia.ru/problem?id=506480) | 3124 |
| 19 | [507058](https://mathb-ege.sdamgia.ru/problem?id=507058) | 699 |
| 20 | [99608](https://mathb-ege.sdamgia.ru/problem?id=99608) | 800 |
| 21 | [514918](https://mathb-ege.sdamgia.ru/problem?id=514918) | 17 |

**Ключ7**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [26640](https://mathb-ege.sdamgia.ru/problem?id=26640) | 105 |
| 2 | [506492](https://mathb-ege.sdamgia.ru/problem?id=506492) | 3214 |
| 3 | [28763](https://mathb-ege.sdamgia.ru/problem?id=28763) | 3 |
| 4 | [507929](https://mathb-ege.sdamgia.ru/problem?id=507929) | 24 |
| 5 | [510109](https://mathb-ege.sdamgia.ru/problem?id=510109) | 0,2 |
| 6 | [515787](https://mathb-ege.sdamgia.ru/problem?id=515787) | 5685 |
| 7 | [506543](https://mathb-ege.sdamgia.ru/problem?id=506543) | 2314 |
| 8 | [510158](https://mathb-ege.sdamgia.ru/problem?id=510158) | 24 |
| 9 | [245001](https://mathb-ege.sdamgia.ru/problem?id=245001) | 3 |
| 10 | [506594](https://mathb-ege.sdamgia.ru/problem?id=506594) | 72 |
| 11 | [506396](https://mathb-ege.sdamgia.ru/problem?id=506396) | 12 |
| 12 | [509700](https://mathb-ege.sdamgia.ru/problem?id=509700) | 117 |
| 13 | [514495](https://mathb-ege.sdamgia.ru/problem?id=514495) | 144 |
| 14 | [510954](https://mathb-ege.sdamgia.ru/problem?id=510954) | 45 |
| 15 | [518393](https://mathb-ege.sdamgia.ru/problem?id=518393) | 100 |
| 16 | [77414](https://mathb-ege.sdamgia.ru/problem?id=77414) | -3 |
| 17 | [513814](https://mathb-ege.sdamgia.ru/problem?id=513814) | -4 |
| 18 | [506261](https://mathb-ege.sdamgia.ru/problem?id=506261) | 3142 |
| 19 | [510925](https://mathb-ege.sdamgia.ru/problem?id=510925) | 1012|3432|5456|3212|1232|5676|7876|7656 |
| 20 | [26582](https://mathb-ege.sdamgia.ru/problem?id=26582) | 7 |
| 21 | [514916](https://mathb-ege.sdamgia.ru/problem?id=514916) | 108 |

**Ключ8**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [505455](https://mathb-ege.sdamgia.ru/problem?id=505455) | 150 |
| 2 | [506309](https://mathb-ege.sdamgia.ru/problem?id=506309) | 2413 |
| 3 | [501182](https://mathb-ege.sdamgia.ru/problem?id=501182) | 465 |
| 4 | [511000](https://mathb-ege.sdamgia.ru/problem?id=511000) | 224 |
| 5 | [510114](https://mathb-ege.sdamgia.ru/problem?id=510114) | 0,79 |
| 6 | [510918](https://mathb-ege.sdamgia.ru/problem?id=510918) | 234|235|34|134|345|346 |
| 7 | [510154](https://mathb-ege.sdamgia.ru/problem?id=510154) | 3421 |
| 8 | [510187](https://mathb-ege.sdamgia.ru/problem?id=510187) | 23 |
| 9 | [27547](https://mathb-ege.sdamgia.ru/problem?id=27547) | 7,5 |
| 10 | [506554](https://mathb-ege.sdamgia.ru/problem?id=506554) | 186 |
| 11 | [27192](https://mathb-ege.sdamgia.ru/problem?id=27192) | 90 |
| 12 | [27876](https://mathb-ege.sdamgia.ru/problem?id=27876) | 40 |
| 13 | [506288](https://mathb-ege.sdamgia.ru/problem?id=506288) | 25 |
| 14 | [509626](https://mathb-ege.sdamgia.ru/problem?id=509626) | -1,3 |
| 15 | [510347](https://mathb-ege.sdamgia.ru/problem?id=510347) | 318 |
| 16 | [510193](https://mathb-ege.sdamgia.ru/problem?id=510193) | 9000 |
| 17 | [26650](https://mathb-ege.sdamgia.ru/problem?id=26650) | -1 |
| 18 | [510923](https://mathb-ege.sdamgia.ru/problem?id=510923) | 3142 |
| 19 | [518437](https://mathb-ege.sdamgia.ru/problem?id=518437) | 1125|1944|3087|4608|6561|9000 |
| 20 | [26592](https://mathb-ege.sdamgia.ru/problem?id=26592) | 10 |
| 21 | [512372](https://mathb-ege.sdamgia.ru/problem?id=512372) | 24 |

**Ключ9**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [520719](https://mathb-ege.sdamgia.ru/problem?id=520719) | 36 |
| 2 | [506492](https://mathb-ege.sdamgia.ru/problem?id=506492) | 3214 |
| 3 | [506764](https://mathb-ege.sdamgia.ru/problem?id=506764) | 4,5 |
| 4 | [507035](https://mathb-ege.sdamgia.ru/problem?id=507035) | 240 |
| 5 | [510726](https://mathb-ege.sdamgia.ru/problem?id=510726) | 0,09 |
| 6 | [324192](https://mathb-ege.sdamgia.ru/problem?id=324192) | 5436 |
| 7 | [507094](https://mathb-ege.sdamgia.ru/problem?id=507094) | 4321 |
| 8 | [514397](https://mathb-ege.sdamgia.ru/problem?id=514397) | 23|32 |
| 9 | [244986](https://mathb-ege.sdamgia.ru/problem?id=244986) | 2 |
| 10 | [512585](https://mathb-ege.sdamgia.ru/problem?id=512585) | 48 |
| 11 | [506579](https://mathb-ege.sdamgia.ru/problem?id=506579) | 15 |
| 12 | [506478](https://mathb-ege.sdamgia.ru/problem?id=506478) | 0,6 |
| 13 | [27087](https://mathb-ege.sdamgia.ru/problem?id=27087) | 0,25 |
| 14 | [511411](https://mathb-ege.sdamgia.ru/problem?id=511411) | -4,9 |
| 15 | [26633](https://mathb-ege.sdamgia.ru/problem?id=26633) | 1160 |
| 16 | [509647](https://mathb-ege.sdamgia.ru/problem?id=509647) | 490 |
| 17 | [26654](https://mathb-ege.sdamgia.ru/problem?id=26654) | 8,75 |
| 18 | [510162](https://mathb-ege.sdamgia.ru/problem?id=510162) | 1342 |
| 19 | [510925](https://mathb-ege.sdamgia.ru/problem?id=510925) | 1012|3432|5456|3212|1232|5676|7876|7656 |
| 20 | [99579](https://mathb-ege.sdamgia.ru/problem?id=99579) | 8 |
| 21 | [513745](https://mathb-ege.sdamgia.ru/problem?id=513745) | 11 |

**Ключ10**

|  |  |  |
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| **№ п/п** | **№ задания** | **Ответ** |
| 1 | [318579](https://mathb-ege.sdamgia.ru/problem?id=318579) | 163 |
| 2 | [510915](https://mathb-ege.sdamgia.ru/problem?id=510915) | 2143 |
| 3 | [510262](https://mathb-ege.sdamgia.ru/problem?id=510262) | 6 |
| 4 | [510020](https://mathb-ege.sdamgia.ru/problem?id=510020) | 19 |
| 5 | [320178](https://mathb-ege.sdamgia.ru/problem?id=320178) | 0,5 |
| 6 | [512520](https://mathb-ege.sdamgia.ru/problem?id=512520) | 14|41 |
| 7 | [514200](https://mathb-ege.sdamgia.ru/problem?id=514200) | 3124 |
| 8 | [510157](https://mathb-ege.sdamgia.ru/problem?id=510157) | 23 |
| 9 | [27543](https://mathb-ege.sdamgia.ru/problem?id=27543) | 6 |
| 10 | [506127](https://mathb-ege.sdamgia.ru/problem?id=506127) | 1700 |
| 11 | [514392](https://mathb-ege.sdamgia.ru/problem?id=514392) | 4000 |
| 12 | [500952](https://mathb-ege.sdamgia.ru/problem?id=500952) | 6 |
| 13 | [509621](https://mathb-ege.sdamgia.ru/problem?id=509621) | 21 |
| 14 | [506816](https://mathb-ege.sdamgia.ru/problem?id=506816) | 8,8 |
| 15 | [515825](https://mathb-ege.sdamgia.ru/problem?id=515825) | 15 |
| 16 | [508403](https://mathb-ege.sdamgia.ru/problem?id=508403) | 4 |
| 17 | [77381](https://mathb-ege.sdamgia.ru/problem?id=77381) | 2 |
| 18 | [506340](https://mathb-ege.sdamgia.ru/problem?id=506340) | 4213 |
| 19 | [509764](https://mathb-ege.sdamgia.ru/problem?id=509764) | 2640|6248|8624 |
| 20 | [323849](https://mathb-ege.sdamgia.ru/problem?id=323849) | 4 |
| 21 | [506403](https://mathb-ege.sdamgia.ru/problem?id=506403) | 5 |