**ЕГЭ\_2009-**

**1 А1.**Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 3 | 2) | 8 | 3) | 24 | 4) | 12 |

**1 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**2 А1.**Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**2 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | – 2 | 2) | – 4 | 3) | 2 | 4) | 4 |

**3 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) | 169 | 3) |  | 4) |  |

**3 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**4 А1.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) | 4 | 4) |  |

**4 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**5 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**5 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 144 | 2) | 48 | 3) | 3744 | 4) | 72 |

**ЕГЭ-2009**

**6 А1.** Найдите значение выражения , если .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 1 | 2) | 2 | 3) | 32 | 4) | 4 |

**6 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 2 | 2) | 1 | 3) |  | 4) |  |

**7 А1.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 0,54 | 2) | 0,054 | 3) | 0,027 | 4) | 0,81 |

**7 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**8 А1.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 6 | 2) | 0,2 | 3) | 0,6 | 4) | 1,2 |

**8 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**9 А1.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**9 А2.** Вычислите .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 24 | 2) | 12 | 3) | 18 | 4) | 16 |

**10 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) | 6 | 3) | 0 | 4) |  |

**10 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 12 | 2) | 36 | 3) | 24 | 4) | 120 |

**11 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**ЕГЭ-2009**

**11 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 4 | 2) | 2 | 3) |  | 4) |  |

**12 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**12 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) | 6 | 3) | – 6 | 4) |  |

**13 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**13 А2.** Вычислите: .

**14 А1.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 0,5 | 2) | 2,25 | 3) |  | 4) | 2,5 |

**14 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**15 А1.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) | 5 | 3) |  | 4) |  |

**15 А2.** Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 80 | 2) | 800 | 3) | 8 | 4) | 10 |

**1 А1.**Вычислите: .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) | 3 | 2) | 8 | 3) | 24 | 4) | 12 |

**1 А2.** Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |

**2 А1.**Упростите выражение .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1) |  | 2) |  | 3) |  | 4) |  |