**РІЧНА КОНТРОЛЬНА РОБОТА**

Дата \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Клас \_\_\_\_\_\_\_\_\_ Прізвище, Ім’я \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Варіант 1**

*Початковий рівень(6 балів)*

1. Щоб знайти корінь рівняння 25 · *х* = 500, потрібно...

а) 500 · 25; б) 500 – 25; в) 500 + 25; г) 500 : 25.

1. Число 2561 у вигляді суми розрядних доданків записують...  
   а) 2000 + 500 + 6 + 1; б) 200 + 500 + 60 + 1;

в) 200 + 50 + 60 + 1; г) 2000 + 500 + 60+1.

1. 1 –  = ...

а) ; б) ; в) ; г) 1.

1. 759,67 : 100 = ...

а) 7,5967; б) 75967; в) 75,967; г) 0,75967.

1. Щоб перетворити звичайний дріб  у десятковий, потрібно...

а) 25 : 23; б) 23 : 25; в) 23 · 25; г) 25 – 23.

1. 25 % числа 180 становить...

а) 90; б) 45; в) 180; г) 360.

*Середній рівень(5 балів)*

1. Запишіть цифрами число п'ять мільярдів двадцять п'ять тисяч.

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1. Якщо число 27830 поділити на невідоме число, то одержимо 46. Знай­діть невідоме число.

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1. Ширина прямокутника дорівнює 7 дм, а його довжина на 1 дм більша. Знайдіть периметр прямокутника.

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1. Маса 8 однакових деталей дорівнює 35,2 кг. Визначте масу 6 таких же деталей.

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1. Знайдіть значення виразу 0,5 : 1,25 –  +  і результат округліть до ти­сячних.

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*Достатній рівень(10 балів)*

1. Дано три числа: 359, 4327 і 804. Обчисліть суму цих чисел й округліть результат до сотень.

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1. Одне трицифрове число записали цифрами 1, 3 і 5, а інше — цифрами 8, 2 і 7. Розмістіть у кожному числі цифри так, щоб сума отриманих чисел була найбільшою.

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1. Периметр прямокутника дорівнює 104 см. Обчисліть площу цього пря­мокутника, якщо одна його сторона на 4 см більша від іншої.

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1. У саду росте 858 дерев. Яблуні становлять  усіх дерев. Скільки яб­лунь росте в саду?

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1. Чому дорівнює 66% від 12 : 0,25 + 18 : 0,45?

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*Високий рівень ( 3 бали за одне завдання на вибір)*

1. Спростіть вираз 0,4 · *а* · 2,5 – 0,3 · *а ·* 0,1 + 2,4*а* - 1,352 й обчисліть його значення, якщо *а =* 1,16.
2. Сторони прямокутника дорівнюють 38 см і 75 см. Площа другого пря­мокутника у 5 разів менша від площі першого. Обчисліть периметр дру­гого прямокутника, якщо одна з його сторін дорівнює 6 см.
3. Фабрика за місяць виготовила 252000 м тканини різних видів. Ситець становить  усієї кількості, фланель — 0,4 залишку, а решту — сатин і бязь, до того ж сатину виготовили у 9 разів менше, ніж бязі. Скільки метрів бязі виготовила фабрика за місяць?

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**РІЧНА КОНТРОЛЬНА РОБОТА**

Дата \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Клас \_\_\_\_\_\_\_\_\_ Прізвище, Ім’я \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Варіант 2**

*Початковий рівень (6 балів)*

1. Щоб знайти корінь рівняння *х* : 15 = 300, потрібно...

а) 300 + 25; б) 300 - 15; в) 300 · 15; г) 300 : 15.

1. Число 3091 у вигляді суми розрядних доданків записують...  
   а) 300 + 9 + 1; б) 30 + 9 + 1;

в) 3000 + 90 + 10; г) 3000 + 90 + 1.

1. 1 –  = ...

а) ; б) ; в) ; г) .

1. 39,857 : 100 = ...

а) 39,857; б) 3985,7; в) 0,39857; г) 398,57.

1. Щоб перетворити звичайний дріб  у десятковий, потрібно...

а) 16 : 11; б) 11 : 16; в) 11 · 16; г) 16 – 11.

1. 50% числа 360 становить...

а) 90; б) 172; в) 180; г) 360.

*Середній рівень(5 балів)*

1. Запишіть цифрами число п'ятнадцять мільярдів п'ятнадцять.

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1. Якщо число поділити на 205, то одержимо 78. Знайдіть невідоме число.

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1. Довжина прямокутника дорівнює 20 дм, а його ширина на 3 дм менша. Знайдіть периметр прямокутника.

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1. За 12 год човен проплив 81,6 км. Яку відстань він пропливе за 5 год, рухаючись із такою ж швидкістю?

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1. Знайдіть значення виразу 79,235 : 6,5 +  –  і результат округліть до цілих.

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*Достатній рівень(10 балів)*

1. Дано три числа: 534, 3276 і 911. Обчисліть суму цих чисел і округліть результат до сотень.

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1. Знайдіть суму найбільшого та найменшого тририцифрових чисел, запи­саних за допомогою цифр 0, 6 і 7.

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1. Довжина прямокутника на 30 см більша від його ширини. Обчисліть площу прямокутника, якщо його периметр дорівнює 180 см.

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1. У книжці є 306 сторінок. Наталка прочитала  сторінок усієї книжки. Скільки сторінок прочитала дівчинка?

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1. Знайдіть число, 12% якого дорівнює (0,2 · 8 – 1,4) · 24.

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*Високий рівень(3 бали за одне завдання на вибір)*

1. Спростіть вираз 0,125 · *а ·* 80 – 2,7 · *а* · 0,01 – 1,373*а* + 2,81 й обчисліть його значення, якщо *а =* 3,15.
2. Сторони першого прямокутника дорівнюють 24 см і 36 см. Площа дру­гого прямокутника у 9 разів менша від площі першого. Обчисліть сто­рону другого прямокутника, якщо інша його сторона дорівнює 12 см.
3. Чотири вантажних автомобілі перевезли 248 т цукрових буряків. Пер­ший перевіз  усіх буряків, другий — 0,4 решти. Третій автомобіль пе­ревіз удвічі більше, ніж четвертий. Скільки тонн буряків перевіз кожен автомобіль?

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