Дата \_\_\_\_\_\_\_ Клас 6 Прізвище, ім’я \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Оцінка \_\_\_\_\_\_\_\_\_

**Тема VІІІ «Множення і ділення раціональних чисел» ВАРІАНТ І**

1. **Обчисліть значення виразу: -3,5 \* 7,1**

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в

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а

**-25,56 24,85 25,56 -24,85**

**2. Обчисліть значення: 42,3 : (-0,3)**

* **14,1 - 141 141 1,41**

г

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в

а

**3. Спростіть вираз : 2\*(а-5)+3а**

**5а+10 а-10 5а-10 а+10**

а

г

в

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**4. Спростіть вираз: -2,4а\*(-5в)**

г

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 **1,2а 12ав -1,2ав -12 ав**

**5. Розв’яжіть рівняння: -2 \* (Х-2)+3\*(2-3Х)=21**

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**6. Обчисліть значення виразу:** $-0,25\*\frac{2}{3}\*\left(-40\right)\*(-4,5)$

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**7. Виконайте дії:**

**(-3,25-(-1,75)) : (-0,6)+0,8\*(-7)**

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**8. Спростіть вираз та обчисліть його значення:**

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| **1) 0,5\* (1,6х-6,4у)-2,4(1,5х+у)****якщо х=3; у=-4,5** | **2)** $-\frac{5}{8}\left(3,2а-1\frac{3}{5}в\right)-7,2\left(-\frac{4}{9}а+2,5в\right)$**якщо а=-10; в=-0,1** |

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Дата \_\_\_\_\_\_\_ Клас 6 Прізвище, ім’я \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Оцінка \_\_\_\_\_\_\_\_\_

**Тема VІІІ «Множення і ділення раціональних чисел» ВАРІАНТ ІІ**

**1. Обчисліть значення виразу: -4,1 \* 5,3**

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**21,84 -21,73 -21,84 21,73**

**2. Обчисліть значення: (-54,6):0,2**

* **273 - 2,73 273 27,3**

г

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**3. Спростіть вираз : 3\*(10 – а )+5а**

**8а-30 30-2а 2а+30 30-8а**

а

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**4. Спростіть вираз: -4,1в\*(-3а)**

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 **12,3ав -123 ав 1,23ав -12,3 ав**

**5. Розв’яжіть рівняння: -3 \* (5Х-4)+2\*(Х+4)=-6**

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**6. Обчисліть значення виразу:** $0,75\*\left(-1\frac{1}{3}\right)\*\left(-0,02\right)\*50$

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**7. Виконайте дії:**

**(-1,42-(-3,22)) : (-0,8)+(-6)(-0,7)**

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**8. Спростіть вираз та обчисліть його значення:**

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| **1) 1,5\* (-2,4а+3,8в)-1,6(2,5а+в)****якщо а=2; в=-3** | **2)** $-\frac{5}{9}\left(5,4а-1\frac{4}{5}в\right)-6,4\left(-\frac{3}{8}а+2,5в\right)$**якщо а=-10; в=-0,1** |

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