***Vārds, uzvārds:*** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Diagnosticējošais darbs 6.klasi uzsākot***

1.variants

***1.uzdevums.*** Aizpildi tabulu! \_\_\_\_\_/8 p.

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| **Nr. p.k.** | **Uzdevums** | **Atbilde** |
| **1.** | $\frac{2}{3}$ **no x = 24** | x **=**  |
| **2.** | **429 : 13** | **=** |
| **3.** | **534 – (26,06 + 0,04)** | **=** |
| **4.** | **35** | **=** |
| **5.** | **64 pirmskaitļu reizinājums** | **64 =** |
| **6.** | **Izslēdz veselos** $\frac{19}{6}$ | **=** |
| **7.** | **8 - 4**$\frac{1}{7}$ | **=** |
| **8.** | **Noapaļo skaitli līdz desmit tūkstošiem****6 3 9 1 1 7 0** |  |

***2.uzdevums.*** Dotos skaitļus uzraksti citādi: ***arābu uz romiešu / romiešu uz arābu***! \_\_\_\_\_/2 p.

a) Reizināšana ieviesta MDCXXXI gadā. To ieviesa V. Outreds. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Dalīšana ieviesta 1684. gadā. To ieviesa G. Leibnics. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***3.uzdevums.*** Aprēķini rakstos! \_\_\_\_\_/10 p.

a) 372581 + 34339 b) 5314 x 510 c) 119669 : 23 d) 95000 : 500

*Vieta aprēķiniem:*

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***4.uzdevums.*** Zēns nobrauca $\frac{3}{7}$ visa ceļa jeb 15 km. Aprēķini visa ceļa garumu! \_\_\_\_\_/2 p.

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**5.uzdevums.** Veic daļu aprēķinus! \_\_\_\_\_/7 p.

a) $\frac{3}{7}$ + $\frac{1}{5}$ =

b) 3 $\frac{3}{4}$ – 2 $\frac{4}{7}$ =

c) 1 $\frac{4}{9}$ + 4 $\frac{3}{4}$ =

**6.uzdevums.** Saskaiti un atņem decimāldaļas rakstos! \_\_\_\_\_/4 p.

a) 45,369 – 8,139 b) 423,56 + 0,567

*Vieta aprēķiniem:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**7.uzdevums.** Ģimene vēlas iegādāties 50 m2 lielu dzīvokli par 720 eiro/ m2. Ģimenes ienākumi ir 800 eiro mēnesī. Katru mēnesi par dzīvokli bankai būs jāmaksā $\frac{1}{5}$ ienākumu. Vai pēc 18 gadiem par dzīvokli būs samaksāts, ja neviens no nosacījumiem nemainīsies? \_\_\_\_\_/8 p.

*Lai atbildētu uz jautājumu veic nepieciešamos aprēķinus zemāk:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Atbilde:**

Šajā diagnostikas darbā savas prasmes vērtēju uz \_\_\_\_\_ %, jo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Ieguvu \_\_\_\_\_\_\_ no 42 punktiem. Mans vērtējums: \_\_\_\_\_\_\_\_\_\_ %**

***Vārds, uzvārds:*** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Diagnosticējošais darbs 6.klasi uzsākot***

2.variants

***1.uzdevums.*** Aizpildi tabulu! \_\_\_\_\_/8 p.

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| **Nr. p.k.** | **Uzdevums** | **Atbilde** |
| **1.** | $\frac{2}{3}$ **no x = 14** | **=**  |
| **2.** | **442 : 13** | **=** |
| **3.** | **531 – (20,04 + 0,06)** | **=** |
| **4.** | **63** | **=** |
| **5.** | **81 pirmskaitļu reizinājums** | **=** |
| **6.** | **Izslēdz veselos** $\frac{23}{4}$ | **=** |
| **7.** | **9 – 5** $\frac{6}{7}$ | **=** |
| **8.** | **Noapaļo skaitli līdz simtiem****6 3 9 1 1 7 0** |  |

***2.uzdevums.*** Dotos skaitļus uzraksti citādi: ***arābu uz romiešu / romiešu uz arābu***! \_\_\_\_\_/2 p.

a) Gaujas garums ir 452 km. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Daugavas garums ir MXX km. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***3.uzdevums.*** Aprēķini rakstos! \_\_\_\_\_/10 p.

a) 372581 + 34339 b) 5314 x 510 c) 119669 : 23 d) 95000 : 500

*Vieta aprēķiniem:*

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***4.uzdevums.*** Vecmāmiņa no spoles notina $\frac{4}{6}$ jeb 240 metrus dzijas. Aprēķini visu dzijas daudzumu!\_\_\_\_/2 p.

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**5.uzdevums.** Veic daļu aprēķinus! \_\_\_\_\_/7 p.

a) $\frac{3}{7}$ – $\frac{1}{5}$ =

b) 1 $\frac{4}{9}$ + 4 $\frac{3}{4}$ =

c) 3 $\frac{3}{4}$ – 2 $\frac{4}{7}$ =

**6.uzdevums.** Saskaiti un atņem decimāldaļas rakstos! \_\_\_\_\_/4 p.

a) 45,368 – 8,139 b) 423,53 + 0,567

*Vieta aprēķiniem:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**7.uzdevums.** Ģimene vēlas iegādāties 50 m2 lielu dzīvokli par 960 eiro/ m2. Ģimenes ienākumi ir 800 eiro mēnesī. Katru mēnesi par dzīvokli bankai būs jāmaksā $\frac{1}{4}$ ienākumu. Vai pēc 20 gadiem par dzīvokli būs samaksāts, ja neviens no nosacījumiem nemainīsies? \_\_\_\_\_/8 p.

*Lai atbildētu uz jautājumu veic nepieciešamos aprēķinus zemāk:*

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**Atbilde:**

Šajā diagnostikas darbā savas prasmes vērtēju uz \_\_\_\_\_ %, jo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Ieguvu \_\_\_\_\_\_\_ no 42 punktiem. Mans vērtējums: \_\_\_\_\_\_\_\_\_\_ %**