1. Объясни смысл формул

|  |  |
| --- | --- |
| S=(a b):2  A=v t  V=a b c  C=a n  S= a b | S=v t  A= v t  S=a a  P= (a +b) 2  a=b c + r |

1. Блиц-турнир
2. Самолет пролетел за 2 часа - **а км.** Сколько километров он пролетит с той же скоростью за 5 часов?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. В мастерской надо изготовить за день **b** одинаковых деталей, в час мастер изготавливает  **с** деталей. Сколько деталей останется изготовить после 3 часов работы?

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1. Покупатель заплатил за 2 кг фруктов  **n** рублей, а за 3 кг овощей – **m** рублей. На сколько рублей килограмм фруктов дороже, чем килограмм овощей?

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1. Ученик начертил квадрат со стороной  **a** см, потом противоположные стороны уменьшил на 2 см. На сколько см уменьшилась площадь фигуры?

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1. Решите задачу.

Поезд должен проехать 1 200 км за 16 ч. Оказалось, что первые 35% пути поезд проехал за 6 ч. С какой скоростью ему надо ехать дальше, чтобы прибыть в пункт назначения по расписанию?

Решение:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Заполни таблицу.

|  |  |  |  |
| --- | --- | --- | --- |
| + | 2  19 | 5  19 |  |
| 3  19 |  |  |  |
|  |  | 12  19 |  |
| 11  19 |  |  | 18  19 |

|  |  |  |  |
| --- | --- | --- | --- |
| + | 7  25 | 14  25 |  |
| 6  25 |  |  |  |
|  |  | 22  25 | 11  25 |
| 13  25 |  |  |  |

Исследование

а) + = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2 | 1 | + | 1 | 2 | = |
| 4 | 4 |

б) - = \_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 4 | 3 | - | 3 | 2 | = |
| 4 | 4 |  |

в)

- = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 5 | - | 3 | = |
| 6 | 6 |

г) + = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | 1 | + | 3 | = |
| 2 |

Как действовали?

Вывод:

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Выполните действия, узнайте имя ученого

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 3 | + | 2 | 1 | = |  |  |
| 5 | 5 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 8 | - | 6 | 7 | = |  |  |
| 9 | 9 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 2 | + | 3 | = |  |  |
| 7 | 7 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 9 | 6 | - | 2 | = |  |  |
| 11 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 1 | + | 4 | 3 | = |  |  |
| 5 | 5 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 2 | + | 4 | = |  |  |
| 7 | 7 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 3 | + | 1 | 1 | = |  |  |
| 5 | 5 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 4 | - | 2 | 1 | = |  |  |
| 7 | 7 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 2 | + | 1 | 1 | = |  |  |
| 9 | 9 |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 5 | - | 5 | 1 | = |  |  |
| 12 | 12 |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 3 | 4 | | 12 | | |  |  | | --- | --- | | 10 | 4 | | 5 | | |  |  | | --- | --- | | 5 | 1 | | 9 | | |  |  | | --- | --- | | 4 | 3 | | 7 | | |  |  | | --- | --- | | 4 | 6 | | 7 | | |  |  | | --- | --- | | 9 | 4 | | 5 | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 7 | 6 | | 11 | | |  |  | | --- | --- | | 6 | 4 | | 5 | | |  |  | | --- | --- | | 4 | 5 | | 7 | | |  |  | | --- | --- | | 4 | 5 | | 7 | | |  |  | | --- | --- | | 4 | 3 | | 9 | | |  |  | | --- | --- | | 4 | 5 | | 7 | | |  |  | | --- | --- | | 9 | 4 | | 5 | |
|  |  |  |  |  |  |  |