1. Объясни смысл формул

|  |  |
| --- | --- |
| S=(a b):2A=v tV=a b cC=a nS= a b | S=v tA= v tS=a aP= (a +b) 2a=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.

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| --- | --- | --- | --- |
| + |  219 |  519 |  |
|  319 |  |  |  |
|  |  | 1219 |  |
| 1119 |  |  | 1819 |

|  |  |  |  |
| --- | --- | --- | --- |
| + |  725 | 1425 |  |
|  625 |  |  |  |
|  |  | 2225 | 1125 |
| 1325 |  |  |  |

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 |  |

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| 3 | 4 |
| 12 |

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| 10 | 4 |
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| 5 | 1 |
| 9 |

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| 4 | 3 |
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| --- | --- |
| 9 | 4 |
| 5 |

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| --- | --- |
| 7 | 6 |
| 11 |

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| 6 | 4 |
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| 4 | 5 |
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| 4 | 3 |
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| 4 | 5 |
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| 9 | 4 |
| 5 |

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