

**Solve each problem.****Answers**

- 1) A new video game console needs thirty-seven computer chips. If a machine can create six hundred eighty-seven computer chips a day, how many video game consoles can be created in a day?
- 2) Rachel received seven hundred seventy-one dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could?
- 3) A botanist picked three hundred thirteen flowers. She wanted to put them into fourteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 4) Paul's dad bought three hundred fifty-six meters of string. If he wanted to cut the string into pieces with each piece being nineteen meters long, how many full sized pieces could he make?
- 5) At the carnival, twenty-six friends bought seven hundred seventy-two tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 6) A school had six hundred thirteen students sign up for the trivia teams. If they wanted to have thirteen team, with the same number of students on each team, how many more students would need to sign up?
- 7) There are seven hundred students going to a trivia competition. If each school van can hold forty-nine students, how many vans will they need?
- 8) A builder needed to buy three hundred sixty-seven boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy?
- 9) A truck can hold forty-two boxes. If you needed to move two hundred fourteen boxes across town, how many trips would you need to make?
- 10) A post office has eight hundred eighty-one pieces of junk mail they want to split evenly between forty-two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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Solve each problem.

|  |                                | <u>Answers</u>               |
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| 1) A new video game console needs thirty-seven computer chips. If a machine can create six hundred eighty-seven computer chips a day, how many video game consoles can be created in a day?                            | $687 \div 37 = 18 \text{ r}21$ | 1. <u>18</u>                 |
| 2) Rachel received seven hundred seventy-one dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could?            | $771 \div 39 = 19 \text{ r}30$ | 2. <u>30</u><br>3. <u>9</u>  |
| 3) A botanist picked three hundred thirteen flowers. She wanted to put them into fourteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?               | $313 \div 14 = 22 \text{ r}5$  | 4. <u>18</u><br>5. <u>8</u>  |
| 4) Paul's dad bought three hundred fifty-six meters of string. If he wanted to cut the string into pieces with each piece being nineteen meters long, how many full sized pieces could he make?                        | $356 \div 19 = 18 \text{ r}14$ | 6. <u>11</u><br>7. <u>15</u> |
| 5) At the carnival, twenty-six friends bought seven hundred seventy-two tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?             | $772 \div 26 = 29 \text{ r}18$ | 8. <u>8</u><br>9. <u>6</u>   |
| 6) A school had six hundred thirteen students sign up for the trivia teams. If they wanted to have thirteen team, with the same number of students on each team, how many more students would need to sign up?         | $613 \div 13 = 47 \text{ r}2$  | 10. <u>41</u>                |
| 7) There are seven hundred students going to a trivia competition. If each school van can hold forty-nine students, how many vans will they need?  | $700 \div 49 = 14 \text{ r}14$ |                              |
| 8) A builder needed to buy three hundred sixty-seven boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy?   | $367 \div 49 = 7 \text{ r}24$  |                              |
| 9) A truck can hold forty-two boxes. If you needed to move two hundred fourteen boxes across town, how many trips would you need to make?  | $214 \div 42 = 5 \text{ r}4$   |                              |
| 10) A post office has eight hundred eighty-one pieces of junk mail they want to split evenly between forty-two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? | $881 \div 42 = 20 \text{ r}41$ |                              |



Solve each problem.

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| 8 | 18 | 41 | 18 | 15 |
| 9 | 30 | 6  | 8  | 11 |

**Answers**

- 1) A new video game console needs 37 computer chips. If a machine can create 687 computer chips a day, how many video game consoles can be created in a day?
- 2) Rachel received 771 dollars for her birthday. Later she found some toys that cost 39 dollars each. How much money would she have left if she bought as many as she could?
- 3) A botanist picked 313 flowers. She wanted to put them into 14 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 4) Paul's dad bought 356 meters of string. If he wanted to cut the string into pieces with each piece being 19 meters long, how many full sized pieces could he make?
- 5) At the carnival, 26 friends bought 772 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 6) A school had 613 students sign up for the trivia teams. If they wanted to have 13 team, with the same number of students on each team, how many more students would need to sign up?
- 7) There are 700 students going to a trivia competition. If each school van can hold 49 students, how many vans will they need?
- 8) A builder needed to buy 367 boards for his latest project. If the boards he needs come in packs of 49, how many packages will he need to buy?
- 9) A truck can hold 42 boxes. If you needed to move 214 boxes across town, how many trips would you need to make?
- 10) A post office has 881 pieces of junk mail they want to split evenly between 42 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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