

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

- 1) Maria is making bead necklaces. She wants to use nine hundred seventy-six beads to make six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 2) Paul bought seven hundred seventy pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 3) A machine in a candy company creates one hundred ninety-three pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?
- 4) Will is trying to earn eight hundred twelve dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 5) A librarian had to pack four hundred sixty-seven books into boxes. If each box can hold three books, how many boxes did she need?
- 6) A store owner had three employees and bought six hundred forty-six uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 7) A post office has one hundred fifty-one pieces of junk mail they want to split evenly between nine mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 8) There are five hundred twenty-one students going to a trivia competition. If each school van can hold three students, how many vans will they need?
- 9) A new video game console needs seven computer chips. If a machine can create four hundred eighty-five computer chips a day, how many video game consoles can be created in a day?
- 10) It takes two grams of plastic to make a ruler. If a company had five hundred nineteen grams of plastic, how many entire rulers could they make?

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Solve each problem.

|  |                               | <u>Answers</u> |
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| 1) Maria is making bead necklaces. She wants to use nine hundred seventy-six beads to make six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?     | $976 \div 6 = 162 \text{ r}4$ | 1. <u>4</u>    |
| 2) Paul bought seven hundred seventy pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?                                     | $770 \div 4 = 192 \text{ r}2$ | 2. <u>2</u>    |
| 3) A machine in a candy company creates one hundred ninety-three pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?                     | $193 \div 6 = 32 \text{ r}1$  | 3. <u>32</u>   |
| 4) Will is trying to earn eight hundred twelve dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?   | $812 \div 6 = 135 \text{ r}2$ | 4. <u>136</u>  |
| 5) A librarian had to pack four hundred sixty-seven books into boxes. If each box can hold three books, how many boxes did she need?   | $467 \div 3 = 155 \text{ r}2$ | 5. <u>156</u>  |
| 6) A store owner had three employees and bought six hundred forty-six uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra? | $646 \div 3 = 215 \text{ r}1$ | 6. <u>2</u>    |
| 7) A post office has one hundred fifty-one pieces of junk mail they want to split evenly between nine mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?      | $151 \div 9 = 16 \text{ r}7$  | 7. <u>7</u>    |
| 8) There are five hundred twenty-one students going to a trivia competition. If each school van can hold three students, how many vans will they need?   | $521 \div 3 = 173 \text{ r}2$ | 8. <u>174</u>  |
| 9) A new video game console needs seven computer chips. If a machine can create four hundred eighty-five computer chips a day, how many video game consoles can be created in a day?                               | $485 \div 7 = 69 \text{ r}2$  | 9. <u>69</u>   |
| 10) It takes two grams of plastic to make a ruler. If a company had five hundred nineteen grams of plastic, how many entire rulers could they make?  | $519 \div 2 = 259 \text{ r}1$ | 10. <u>259</u> |



Solve each problem.

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|---|-----|----|-----|-----|
| 2 | 156 | 69 | 259 | 2   |
| 7 | 136 | 32 | 4   | 174 |

**Answers**

- 1) Maria is making bead necklaces. She wants to use 976 beads to make 6 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 2) Paul bought 770 pieces of candy to give to 4 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 3) A machine in a candy company creates 193 pieces of candy a minute. If a small box of candy has 6 pieces in it how many full boxes does the machine make in a minute?
- 4) Will is trying to earn 812 dollars for some new toys. If he charges 6 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 5) A librarian had to pack 467 books into boxes. If each box can hold 3 books, how many boxes did she need?
- 6) A store owner had 3 employees and bought 646 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 7) A post office has 151 pieces of junk mail they want to split evenly between 9 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 8) There are 521 students going to a trivia competition. If each school van can hold 3 students, how many vans will they need?
- 9) A new video game console needs 7 computer chips. If a machine can create 485 computer chips a day, how many video game consoles can be created in a day?
- 10) It takes 2 grams of plastic to make a ruler. If a company had 519 grams of plastic, how many entire rulers could they make?

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