Solve each problem.

1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?

4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?

5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?

7) Adam had one hundred twelve pieces of candy. If he wants to split the candy into three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?

9) Carol received one hundred forty-two dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?

694÷3 = 231 r1

2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

574÷4 = 143 r2

3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?

605÷2 = 302 r1

4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?

279÷4 = 69 r3

5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?

858÷9 = 95 r3

6) Haley had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?

959÷6 = 159 r5

7) Adam had one hundred twelve pieces of candy. If he wants to split the candy into three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

112÷3 = 37 r1

8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?

691÷6 = 115 r1

9) Carol received one hundred forty-two dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?

142÷4 = 35 r2

10) Tom has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

247÷2 = 123 r1

Answers

1. **231**
2. **2**
3. **302**
4. **1**
5. **3**
6. **159**
7. **2**
8. **116**
9. **2**
10. **124**

1-10	90	80	70	60	50	40	30	20	10	0