# Division Word Problems (3÷1) w/ Remainder

Name:

**Solve each problem.**

**1)** Katie is making bead necklaces. She wants to use nine hundred ninety-one beads to make five necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

**2)** Kaleb had nine hundred twenty-nine pieces of candy. If he wants to split the candy into eight 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?

**3)** An airline has nine hundred seventy-seven pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the compartment that isn't full?

**4)** A new video game console needs eight computer chips. If a machine can create seven hundred forty-eight computer chips a day, how many video game consoles can be created in a day?

**5)** A movie theater needed seven hundred twenty-nine popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?

**6)** A store owner had four employees and bought three hundred nineteen 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 librarian had to pack seven hundred thirty-four books into boxes. If each box can hold six books, how many boxes did she need?

**8)** A post office has nine hundred seven pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

**9)** There are six hundred thirty-seven students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

**10)** A school had three hundred forty students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?

**Answers**

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



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

Division Word Problems (3÷1) w/ Remainder Name: **Answer Key**

**Solve each problem.**

**1)** Katie is making bead necklaces. She wants to use nine hundred ninety-one beads to make five necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

991÷5 = 198 r1

**2)** Kaleb had nine hundred twenty-nine pieces of candy. If he wants to split the candy into eight 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?

929÷8 = 116 r1

**3)** An airline has nine hundred seventy-seven pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the compartment that isn't full?

977÷6 = 162 r5

**4)** A new video game console needs eight computer chips. If a machine can create seven hundred forty-eight computer chips a day, how many video game consoles can be created in a day?

748÷8 = 93 r4

**5)** A movie theater needed seven hundred twenty-nine popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?

729÷6 = 121 r3

**6)** A store owner had four employees and bought three hundred nineteen 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?

319÷4 = 79 r3

**7)** A librarian had to pack seven hundred thirty-four books into boxes. If each box can hold six books, how many boxes did she need?

734÷6 = 122 r2

**8)** A post office has nine hundred seven pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

907÷3 = 302 r1

**9)** There are six hundred thirty-seven students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

637÷8 = 79 r5

**10)** A school had three hundred forty students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?

340÷3 = 113 r1

**Answers**

1. 1
2. 7
3. 5
4. 93
5. 122
6. 1
7. 123
8. 1
9. 80
10. 2



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