Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) Mike wanted to give each of his six friends an equal amount of candy. At the store he bought thirty-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

2) George is trying to earn twenty-one dollars for some new toys. If he charges eight dollars to mow a lawn, how many lawns will he need to mow to earn the money?

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

4) There are eighty-six students going to a trivia competition. If each school van can hold nine students, how many vans will they need?

5) Ned's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being six meters long, how many full sized pieces could he make?

6) A cafeteria was putting milk cartons into stacks. They had nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?

7) An art museum had twenty-two pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

8) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-seven tickets, how many tickets would you have left if you rode it as many times as you could?

9) Paige had twenty-three pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

10) Isabel is making bead necklaces. She wants to use fifty-one beads to make nine necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Use division to solve each problem.

1) Mike wanted to give each of his six friends an equal amount of candy. At the store he bought thirty-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

$35 \div 6 = 5\ r5$

2) George is trying to earn twenty-one dollars for some new toys. If he charges eight dollars to mow a lawn, how many lawns will he need to mow to earn the money?

$21 \div 8 = 2\ r5$

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

$9 \div 2 = 4\ r1$

4) There are eighty-six students going to a trivia competition. If each school van can hold nine students, how many vans will they need?

$86 \div 9 = 9\ r5$

5) Ned's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being six meters long, how many full sized pieces could he make?

$14 \div 6 = 2\ r2$

6) A cafeteria was putting milk cartons into stacks. They had nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?

$9 \div 2 = 4\ r1$

7) An art museum had twenty-two pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$22 \div 8 = 2\ r6$

8) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-seven tickets, how many tickets would you have left if you rode it as many times as you could?

$27 \div 7 = 3\ r6$

9) Paige had twenty-three pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

$23 \div 9 = 2\ r5$

10) Isabel is making bead necklaces. She wants to use fifty-one beads to make nine necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$51 \div 9 = 5\ r6$

	Answers
1.	**1**
2.	**3**
3.	**4**
4.	**10**
5.	**2**
6.	**4**
7.	**2**
8.	**6**
9.	**4**
10.	**6**

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

Math

Division with Remainder (1 Digit Quotient)   Name:

Use division to solve each problem.

6	4	3	4	10
2	4	1	2	6

1) Mike wanted to give each of his 6 friends an equal amount of candy. At the store he bought 35 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

2) George is trying to earn 21 dollars for some new toys. If he charges 8 dollars to mow a lawn, how many lawns will he need to mow to earn the money?

3) A new video game console needs 2 computer chips. If a machine can create 9 computer chips a day, how many video game consoles can be created in a day?

4) There are 86 students going to a trivia competition. If each school van can hold 9 students, how many vans will they need?

5) Ned's dad bought 14 meters of string. If he wanted to cut the string into pieces with each piece being 6 meters long, how many full sized pieces could he make?

6) A cafeteria was putting milk cartons into stacks. They had 9 cartons and were putting them into stacks with 2 cartons in each stack. How many full stacks could they make?

7) An art museum had 22 pictures to split equally into 8 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

8) The roller coaster at the state fair costs 7 tickets per ride. If you had 27 tickets, how many tickets would you have left if you rode it as many times as you could?

9) Paige had 23 pennies. She wanted to place the pennies into 9 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

10) Isabel is making bead necklaces. She wants to use 51 beads to make 9 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?