Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) An industrial machine can make twenty crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?

2) An art museum had thirty-three pictures to split equally into six different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

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

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

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

6) There are fifty people attending a luncheon. If a table can hold eight people, how many tables do they need?

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

8) It takes three apples to make an apple pie. If a chef bought seven apples, the last pie would need how many more apples?

9) A post office has thirty-two pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

10) A grocery store needed fifty-seven cans of peas. If the peas come in boxes with six cans in each box, how many boxes would they need to order?

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name: **Answer Key**

Use division to solve each problem.

1) An industrial machine can make twenty crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?

20÷9 = 2 r2

2) An art museum had thirty-three pictures to split equally into six different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

33÷6 = 5 r3

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

29÷9 = 3 r2

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

58÷6 = 9 r4

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

22÷4 = 5 r2

6) There are fifty people attending a luncheon. If a table can hold eight people, how many tables do they need?

50÷8 = 6 r2

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

32÷6 = 5 r2

8) It takes three apples to make an apple pie. If a chef bought seven apples, the last pie would need how many more apples?

7÷3 = 2 r1

9) A post office has thirty-two pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

32÷6 = 5 r2

10) A grocery store needed fifty-seven cans of peas. If the peas come in boxes with six cans in each box, how many boxes would they need to order?

57÷6 = 9 r3

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

2	4	2	5	3
4	10	7	2	5

1) An industrial machine can make 20 crayons a day. If each box of crayons has 9 crayons in it, how many full boxes does the machine make a day?

2) An art museum had 33 pictures to split equally into 6 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

3) A movie theater needed 29 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy?

4) The roller coaster at the state fair costs 6 tickets per ride. If you had 58 tickets, how many tickets would you have left if you rode it as many times as you could?

5) A new video game console needs 4 computer chips. If a machine can create 22 computer chips a day, how many video game consoles can be created in a day?

6) There are 50 people attending a luncheon. If a table can hold 8 people, how many tables do they need?

7) A cafeteria was putting milk cartons into stacks. They had 32 cartons and were putting them into stacks with 6 cartons in each stack. How many full stacks could they make?

8) It takes 3 apples to make an apple pie. If a chef bought 7 apples, the last pie would need how many more apples?

9) A post office has 32 pieces of junk mail they want to split evenly between 6 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

10) A grocery store needed 57 cans of peas. If the peas come in boxes with 6 cans in each box, how many boxes would they need to order?

Answers

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

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