Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) Jerry had twenty-one baseball cards he's putting into a binder with four on each page. How many cards will he have on the page that isn't full?

2) An industrial machine can make forty-four crayons a day. If each box of crayons has six crayons in it, how many full boxes does the machine make a day?

3) A restaurant needs to buy twenty-three new plates. If each box has eight plates in it, how many boxes will they need to buy?

4) A flash drive could hold four gigs of data. If you needed to store thirteen gigs, how many flash drive would you need?

5) It takes three grams of plastic to make a ruler. If a company had nineteen grams of plastic, how many entire rulers could they make?

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

7) A librarian had to pack seven books into boxes. If each box can hold three books, how many boxes did she need?

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

9) Isabel received eleven dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?

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

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) Jerry had twenty-one baseball cards he's putting into a binder with four on each page. How many cards will he have on the page that isn't full?

21÷4 = 5 r1

2) An industrial machine can make forty-four crayons a day. If each box of crayons has six crayons in it, how many full boxes does the machine make a day?

44÷6 = 7 r2

3) A restaurant needs to buy twenty-three new plates. If each box has eight plates in it, how many boxes will they need to buy?

23÷8 = 2 r7

4) A flash drive could hold four gigs of data. If you needed to store thirteen gigs, how many flash drive would you need?

13÷4 = 3 r1

5) It takes three grams of plastic to make a ruler. If a company had nineteen grams of plastic, how many entire rulers could they make?

19÷3 = 6 r1

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

68÷7 = 9 r5

7) A librarian had to pack seven books into boxes. If each box can hold three books, how many boxes did she need?

7÷3 = 2 r1

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

13÷3 = 4 r1

9) Isabel received eleven dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?

11÷3 = 3 r2

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

33÷9 = 3 r6

Answers

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

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.

3	1	5	7	2
6	2	3	3	4

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Answers

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

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