Use division to solve each problem.

Answers

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

1. _____

2. _____

2) An airline has thirty-nine 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?

3. _____

4. _____

3) There are fifty-four students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

5. _____

6. _____

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

7. _____

8. _____

5) A post office has fifty-four pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

9. _____

10. _____

6) Vanessa had twenty photos to put into a photo album. If each page holds eight photos, how many full pages will she have?

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

8) A machine in a candy company creates sixty-six pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?

9) A librarian had to pack twenty-six books into boxes. If each box can hold nine books, how many boxes did she need?

10) Haley received seventy dollars for her birthday. Later she found some toys that cost eight dollars each. How much money would she have left if she bought as many as she could?

| | Division with Remainder (1 Digit Quotient) | Name: | |

Use division to solve each problem.

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

$51 \div 6 = 8 \, r3$

1. ___**8**___

2) An airline has thirty-nine 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?

$39 \div 6 = 6 \, r3$

2. ___**3**___

3. ___**8**___

3) There are fifty-four students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

$54 \div 7 = 7 \, r5$

4. ___**7**___

5. ___**6**___

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

$73 \div 8 = 9 \, r1$

6. ___**2**___

7. ___**3**___

5) A post office has fifty-four pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

$54 \div 8 = 6 \, r6$

8. ___**9**___

9. ___**3**___

10. ___**6**___

6) Vanessa had twenty photos to put into a photo album. If each page holds eight photos, how many full pages will she have?

$20 \div 8 = 2 \, r4$

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

$22 \div 8 = 2 \, r6$

8) A machine in a candy company creates sixty-six pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?

$66 \div 7 = 9 \, r3$

9) A librarian had to pack twenty-six books into boxes. If each box can hold nine books, how many boxes did she need?

$26 \div 9 = 2 \, r8$

10) Haley received seventy dollars for her birthday. Later she found some toys that cost eight dollars each. How much money would she have left if she bought as many as she could?

$70 \div 8 = 8 \, r6$

Math

3oa8

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

3	3	3	9	7
2	6	8	8	6

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1. _____

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8. _____

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10. _____