Use division to solve each problem.

1) Lana had forty-seven photos to put into a photo album. If each page holds six photos, how many full pages will she have?

1. _____

2. _____

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

3. _____

4. _____

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

5. _____

6. _____

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

7. _____

8. _____

5) A librarian had to pack thirty-three books into boxes. If each box can hold five books, how many boxes did she need?

9. _____

10. _____

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

7) Oliver had sixty-seven pieces of candy. If he wants to split the candy into seven 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?

8) A botanist picked thirteen flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

9) A pizza store had thirty-seven pieces of pepperoni to put on their pizzas. If each pizza got four pieces, how many extra pieces of pepperoni would they have?

10) A vat of orange juice was thirty-eight pints. If you wanted to pour the vat into eight glasses with the same amount in each glass, how many pints would be in each glass?

Use division to solve each problem.

1) Lana had forty-seven photos to put into a photo album. If each page holds six photos, how many full pages will she have?

$47 \div 6 = 7\ r5$

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

$79 \div 9 = 8\ r7$

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

$58 \div 6 = 9\ r4$

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

$44 \div 5 = 8\ r4$

5) A librarian had to pack thirty-three books into boxes. If each box can hold five books, how many boxes did she need?

$33 \div 5 = 6\ r3$

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

$38 \div 4 = 9\ r2$

7) Oliver had sixty-seven pieces of candy. If he wants to split the candy into seven 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?

$67 \div 7 = 9\ r4$

8) A botanist picked thirteen flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

$13 \div 3 = 4\ r1$

9) A pizza store had thirty-seven pieces of pepperoni to put on their pizzas. If each pizza got four pieces, how many extra pieces of pepperoni would they have?

$37 \div 4 = 9\ r1$

10) A vat of orange juice was thirty-eight pints. If you wanted to pour the vat into eight glasses with the same amount in each glass, how many pints would be in each glass?

$38 \div 8 = 4\ r6$

Answers

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

Use division to solve each problem.

3	4	9	7	7
4	2	10	2	1

1. _____

2. _____

3. _____

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