

**Use division to solve each problem.**

- 1) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?
  
- 2) A cafeteria was putting milk cartons into stacks. They had forty-nine cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?
  
- 3) An airline has twenty-two pieces of luggage to put away. If each luggage compartment will hold four pieces of luggage, how many will be in the compartment that isn't full?
  
- 4) A box of cupcakes cost \$two. If you had seven dollars and bought as many boxes as you could, how much money would you have left?
  
- 5) A container can hold nine orange slices. If a company had twenty-six orange slices to put into containers, how many more slices would they need to fill up the last container?
  
- 6) It takes eight apples to make an apple pie. If a chef bought twenty-nine apples, the last pie would need how many more apples?
  
- 7) Jerry bought fifty-two pieces of candy to give to six of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
  
- 8) A movie theater needed twenty-five popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?
  
- 9) A restaurant needs to buy seven new plates. If each box has two plates in it, how many boxes will they need to buy?
  
- 10) There are five students going to a trivia competition. If each school van can hold two students, how many vans will they need?

**Answers**

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



## Division with Remainder (1 Digit Quotient)

Name: **Answer Key****Use division to solve each problem.**

1) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?  
 $33 \div 6 = 5 \text{ r}3$

2) A cafeteria was putting milk cartons into stacks. They had forty-nine cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?  
 $49 \div 8 = 6 \text{ r}1$

3) An airline has twenty-two pieces of luggage to put away. If each luggage compartment will hold four pieces of luggage, how many will be in the compartment that isn't full?  
 $22 \div 4 = 5 \text{ r}2$

4) A box of cupcakes cost \$two. If you had seven dollars and bought as many boxes as you could, how much money would you have left?  
 $7 \div 2 = 3 \text{ r}1$

5) A container can hold nine orange slices. If a company had twenty-six orange slices to put into containers, how many more slices would they need to fill up the last container?  
 $26 \div 9 = 2 \text{ r}8$

6) It takes eight apples to make an apple pie. If a chef bought twenty-nine apples, the last pie would need how many more apples?  
 $29 \div 8 = 3 \text{ r}5$

7) Jerry bought fifty-two pieces of candy to give to six of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?  
 $52 \div 6 = 8 \text{ r}4$

8) A movie theater needed twenty-five popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?  
 $25 \div 4 = 6 \text{ r}1$

9) A restaurant needs to buy seven new plates. If each box has two plates in it, how many boxes will they need to buy?  
 $7 \div 2 = 3 \text{ r}1$

10) There are five students going to a trivia competition. If each school van can hold two students, how many vans will they need?  
 $5 \div 2 = 2 \text{ r}1$

**Answers**

1. **5**

2. **6**

3. **2**

4. **1**

5. **1**

6. **3**

7. **4**

8. **7**

9. **4**

10. **3**



## Division with Remainder (1 Digit Quotient)

Name: \_\_\_\_\_

Use division to solve each problem.

7  
14  
24  
65  
33  
1**Answers**

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

- 1) A vat of orange juice was 33 pints. If you wanted to pour the vat into 6 glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A cafeteria was putting milk cartons into stacks. They had 49 cartons and were putting them into stacks with 8 cartons in each stack. How many full stacks could they make?
- 3) An airline has 22 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full?
- 4) A box of cupcakes cost \$2. If you had 7 dollars and bought as many boxes as you could, how much money would you have left?
- 5) A container can hold 9 orange slices. If a company had 26 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) It takes 8 apples to make an apple pie. If a chef bought 29 apples, the last pie would need how many more apples?
- 7) Jerry bought 52 pieces of candy to give to 6 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 8) A movie theater needed 25 popcorn buckets. If each package has 4 buckets in it, how many packages will they need to buy?
- 9) A restaurant needs to buy 7 new plates. If each box has 2 plates in it, how many boxes will they need to buy?
- 10) There are 5 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?