Use division to solve each problem.

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

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

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

4) A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?

5) An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?

6) A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have?

7) At the carnival, five friends bought forty-one tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

8) A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have?

9) A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up?

10) Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score?

Answers

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

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

Use division to solve each problem.

1) It takes eight apples to make an apple pie. If a chef bought forty-seven apples, the last pie would need how many more apples? 47 ÷ 8 = 5 r7

2) A librarian had to pack twenty-six books into boxes. If each box can hold four books, how many boxes did she need? 26 ÷ 4 = 6 r2

3) A new video game console needs four computer chips. If a machine can create twenty-one computer chips a day, how many video game consoles can be created in a day? 21 ÷ 4 = 5 r1

4) A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy? 31 ÷ 7 = 4 r3

5) An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full? 57 ÷ 9 = 6 r3

6) A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have? 56 ÷ 6 = 9 r2

7) At the carnival, five friends bought forty-one tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy? 41 ÷ 5 = 8 r1

8) A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have? 78 ÷ 9 = 8 r6

9) A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up? 66 ÷ 8 = 8 r2

10) Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score? 46 ÷ 8 = 5 r6

Answers

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

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	8	4	6	1
8	7	2	5	5

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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