Solve each problem.

1) 97 | 3, 4 9 8

2) 56 | 5, 5 1 0

3) 66 | 8, 3 8 2

4) 24 | 8, 9 7 6

5) 20 | 4, 8 0 0

6) 47 | 9, 0 5 9

7) 21 | 3, 0 6 7

8) 30 | 3, 6 3 3

9) 38 | 8, 1 3 2

10) 78 | 9, 1 5 8

11) 23 | 8, 8 7 8

12) 29 | 4, 4 2 3

Answers

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem.

1) 97 | 3,498 → 036 r6
0
34
0
349
291
588
582
6

2) 56 | 5,510 → 098 r22
0
55
0
551
504
470
448
22

3) 66 | 8,382 → 127
0
83
66
178
132
462
462
0

4) 24 | 8,976 → 374
0
89
72
177
168
96
96
0

5) 20 | 4,800 → 240
0
48
40
80
80
00
0
0

6) 47 | 9,059 → 192 r35
0
90
47
435
423
129
94
35

7) 21 | 3,067 → 146 r1
0
30
21
96
84
127
126
1

8) 30 | 3,633 → 121 r3
0
36
30
63
60
33
30
3

9) 38 | 8,132 → 214
0
81
76
53
38
152
152
0

10) 78 | 9,158 → 117 r32
0
91
78
135
78
578
546
32

11) 23 | 8,878 → 386
0
88
69
197
184
138
138
0

12) 29 | 4,423 → 152 r15
0
44
29
152
145
73
58
15

Answers

1. 36 r6
2. 98 r22
3. 127
4. 374
5. 240
6. 192 r35
7. 146 r1
8. 121 r3
9. 214
10. 117 r32
11. 386
12. 152 r15

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem.

1) A vat of orange juice was five hundred seventy-seven pints. If you wanted to pour the vat into fifteen glasses with the same amount in each glass, how many pints would be in each glass?

2) An airline has eight hundred forty-eight pieces of luggage to put away. If each luggage compartment will hold twenty-eight pieces of luggage, how many will be in the compartment that isn't full?

3) A movie store had three hundred nine movies they were putting on sixteen shelves. If the owner wanted to make sure each shelf had the same number of movies without any extra, how many more movies would he need?

4) A builder needed to buy seven hundred eighty-one nails for his latest project. If the nails he needs come in boxes of forty-nine, how many boxes will he need to buy?

5) Nancy had saved up three hundred eighty-six dimes and decided to spend them on sodas. If it costs twenty-eight dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda?

6) Edward wanted to give each of his thirteen friends an equal amount of candy. At the store he bought eight hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?

7) A box can hold thirty-five brownies. If a baker made five hundred seventy-seven brownies, how many full boxes of brownies did he make?

8) A coat factory had nine hundred ninety-seven coats. If they wanted to put them into twenty-one boxes, with the same number of coats in each box, how many extra coats would they have left over?

9) A box of light fixtures cost $thirty-nine. If you had seven hundred forty-three dollars and bought as many boxes as you could, how much money would you have left?

10) Oliver is trying to earn six hundred forty-seven dollars for some new video games. If he charges forty-six dollars to mow a lawn, how many lawns will he need to mow to earn the money?

Answers

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

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

Solve each problem.

1) A vat of orange juice was five hundred seventy-seven pints. If you wanted to pour the vat into fifteen glasses with the same amount in each glass, how many pints would be in each glass? 577 ÷ 15 = 38 r7

2) An airline has eight hundred forty-eight pieces of luggage to put away. If each luggage compartment will hold twenty-eight pieces of luggage, how many will be in the compartment that isn't full? 848 ÷ 28 = 30 r8

3) A movie store had three hundred nine movies they were putting on sixteen shelves. If the owner wanted to make sure each shelf had the same number of movies without any extra, how many more movies would he need? 309 ÷ 16 = 19 r5

4) A builder needed to buy seven hundred eighty-one nails for his latest project. If the nails he needs come in boxes of forty-nine, how many boxes will he need to buy? 781 ÷ 49 = 15 r46

5) Nancy had saved up three hundred eighty-six dimes and decided to spend them on sodas. If it costs twenty-eight dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda? 386 ÷ 28 = 13 r22

6) Edward wanted to give each of his thirteen friends an equal amount of candy. At the store he bought eight hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces? 899 ÷ 13 = 69 r2

7) A box can hold thirty-five brownies. If a baker made five hundred seventy-seven brownies, how many full boxes of brownies did he make? 577 ÷ 35 = 16 r17

8) A coat factory had nine hundred ninety-seven coats. If they wanted to put them into twenty-one boxes, with the same number of coats in each box, how many extra coats would they have left over? 997 ÷ 21 = 47 r10

9) A box of light fixtures cost $thirty-nine. If you had seven hundred forty-three dollars and bought as many boxes as you could, how much money would you have left? 743 ÷ 39 = 19 r2

10) Oliver is trying to earn six hundred forty-seven dollars for some new video games. If he charges forty-six dollars to mow a lawn, how many lawns will he need to mow to earn the money? 647 ÷ 46 = 14 r3

Answers

1. **38**
2. **8**
3. **11**
4. **16**
5. **6**
6. **11**
7. **16**
8. **10**
9. **2**
10. **15**

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