**Solve each problem.**

1) A flash drive could hold twenty-one gigs of data. If you needed to store eight hundred twenty-six gigs, how many flash drive would you need?

2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

3) A truck can hold thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day?

6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

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

8) It takes eighteen apples to make an apple pie. If a chef bought two hundred three apples, the last pie would need how many more apples?

9) Ned's dad bought nine hundred eighty-four meters of string. If he wanted to cut the string into pieces with each piece being seventeen meters long, how many full sized pieces could he make?

10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

**Answer Key**

**Solve each problem.**

1) A flash drive could hold twenty-one gigs of data. If you needed to store eight hundred twenty-six gigs, how many flash drive would you need?

826÷21 = 39 r7

1. **40**

2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

716÷12 = 59 r8

2. **4**

3. **22**

3) A truck can hold thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make?

742÷34 = 21 r28

4. **22**

5. **49**

4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could?

582÷28 = 20 r22

6. **29**

7. **11**

5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day?

846÷17 = 49 r13

8. **13**

9. **57**

6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

357÷41 = 8 r29

10. **15**

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

486÷46 = 10 r26

8) It takes eighteen apples to make an apple pie. If a chef bought two hundred three apples, the last pie would need how many more apples?

203÷18 = 11 r5

9) Ned's dad bought nine hundred eighty-four meters of string. If he wanted to cut the string into pieces with each piece being seventeen meters long, how many full sized pieces could he make?

984÷17 = 57 r15

10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

449÷29 = 15 r14

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

**Solve each problem.**

| 15 | 57 | 29 | 49 | 22 |
|----|----|----|----|----|
| 13 | 4  | 22 | 11 | 40 |

1. _____

**1)** A flash drive could hold 21 gigs of data. If you needed to store 826 gigs, how many flash drive would you need?

2. _____

3. _____

**2)** Rachel had 716 pennies. She wanted to place the pennies into 12 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

4. _____

5. _____

**3)** A truck can hold 34 boxes. If you needed to move 742 boxes across town, how many trips would you need to make?

6. _____

7. _____

**4)** The roller coaster at the state fair costs 28 tickets per ride. If you had 582 tickets, how many tickets would you have left if you rode it as many times as you could?

8. _____

9. _____

**5)** An industrial machine can make 846 crayons a day. If each box of crayons has 17 crayons in it, how many full boxes does the machine make a day?

10. _____

**6)** A baker had 41 boxes for donuts. He ended up making 357 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

**7)** A librarian had to pack 486 books into boxes. If each box can hold 46 books, how many boxes did she need?

**8)** It takes 18 apples to make an apple pie. If a chef bought 203 apples, the last pie would need how many more apples?

**9)** Ned's dad bought 984 meters of string. If he wanted to cut the string into pieces with each piece being 17 meters long, how many full sized pieces could he make?

**10)** John wanted to give each of his 29 friends an equal amount of candy. At the store he bought 449 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?