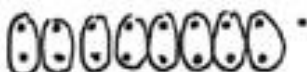


Name Jack Date \_\_\_\_\_

Solve the following problems. Use the RDW process.

1. There are 19 identical socks. How many pairs of socks are there? Will there be any socks without a match? If so, how many?  $19 \div 2$  The quotient is 9 and the remainder is 1.



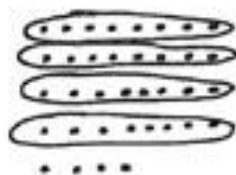
There are 9 pairs of socks.  
There will be one sock without a match.

2. If it takes 8 inches of ribbon to make a bow, how many bows can be made from 3 feet of ribbon (1 foot = 12 inches)? Will any ribbon be left over? If so, how much?  $36 \div 8$  The quotient is 4 and the remainder is 4.

3 feet = 36 inches

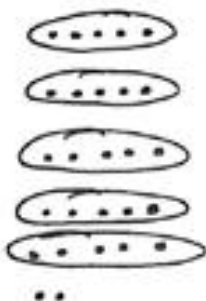
$36 \div 8$

The quotient is 4 and the remainder is 4.



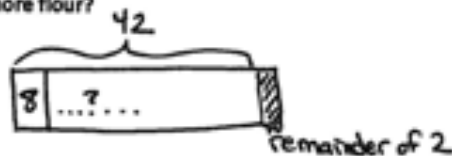
4 bows can be made from 3 feet of ribbon.  
There will be 4 inches of ribbon left over.

3. The library has 27 chairs and 5 tables. If the same number of chairs is placed at each table, how many chairs can be placed at each table? Will there be any extra chairs? If so, how many?  $27 \div 5$  The quotient is 5 and the remainder is 2.



5 chairs can be placed at each table.  
There will be 2 extra chairs.

4. The baker has 42 kilograms of flour. She uses 8 kilograms each day. After how many days will she need to buy more flour?



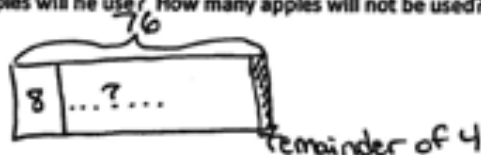
8, 16, 24, 32, 40, 48

$$42 \div 8$$

The quotient is 5 and the remainder is 2.

The baker will need to buy flour after 5 days.

5. Caleb has 76 apples. He wants to bake as many pies as he can. If it takes 8 apples to make each pie, how many apples will he use? How many apples will not be used?



8, 16, 24, 32, 40, 48, 56, 72

$$76 \div 8$$

The quotient is 9 and the remainder is 4.

Caleb will use 72 apples. 4 apples will not be used.

6. Forty-five people are going to the beach. Seven people can ride in each van. How many vans will be required to get everyone to the beach?



7, 14, 21, 28, 35, 42, 49

need 3 more vans

$$45 \div 7$$

The quotient is 6 and the remainder is 3.

7 vans will be required to get everyone to the beach

