Divide with Remainders
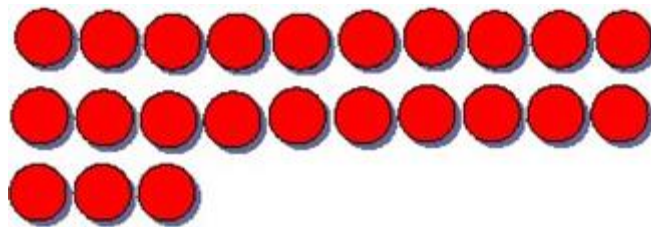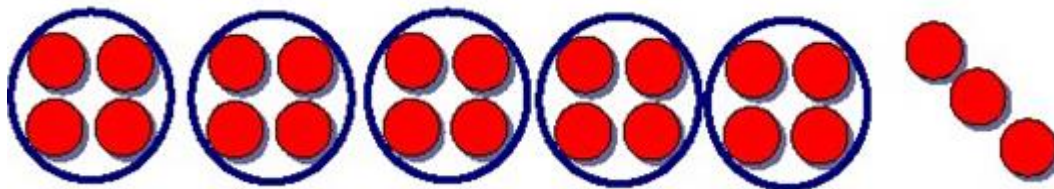
What is 23 ÷ 5?

Use counters to model this division problem.

You are dividing the dividend, 23, so use 23 counters.

Since you are dividing 23 by 5, draw 5 circles.
Then divide the 23 counters into 5 equal-sized groups.

There are 4 counters in each circle, so the quotient is 4.

There are 3 counters left over, so the remainder is 3.

So, 23 ÷ 5 = 4 r3, or

```
      4 r3
 5) 23
     20
     03
```

Grade 4

Examples:

A- Divide.

1) $52 \div 7$

$$
\begin{array}{r}
7 \ r \ 3 \\
7\overline{)52} \\
-\ 49 \\
\hline
3
\end{array}
$$

2) $38 \div 4$

$$
\begin{array}{r}
9 \ r \ 2 \\
4\overline{)38} \\
-36 \\
\hline
2
\end{array}
$$

3) $44 \div 8$

$$
\begin{array}{r}
5 \ r \ 4 \\
8\overline{)44} \\
-40 \\
\hline
4
\end{array}
$$

My Real Life

Ahmad has 14 footballs. He decided to share them equally with his brother. How many footballs will each one gets?

14 + 2 = 7 footballs for each boy