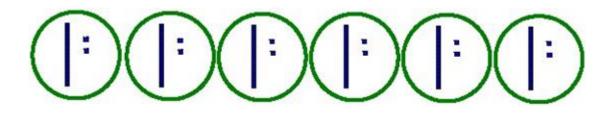
Model 2 - Digit by I - Digit Division

Divide 72 into 6 equal groups.

Use base-ten blocks to find the quotient and remainder.

Show 72 as 7 tens and 2 ones.
Then draw 6 circles, since you are dividing 72 by 6.

 \cdot Place an equal number of tens in each circle. If there are any tens left over, regroup them as ones. Now place equal number of ones in each group.



 \cdot Count the number of tens and ones in each circle to find the quotient.

There is 1 ten and 2 ones in each circle. 10 + 2 = 12, so the quotient is 12.

 \cdot There are no leftover blocks, so there is no remainder.

So, 72 ÷ 6 = 12, or 6)72

Examples:

A- Use base-ten blocks to find the quotient and remainder.1) 25 ÷ 22) 64 ÷ 63) 92 ÷ 82 tens 5 ones6 tens 4 ones9 tens 2 onesdivided by 2divided by 6divided by 810 r 510 r 611 r 4

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