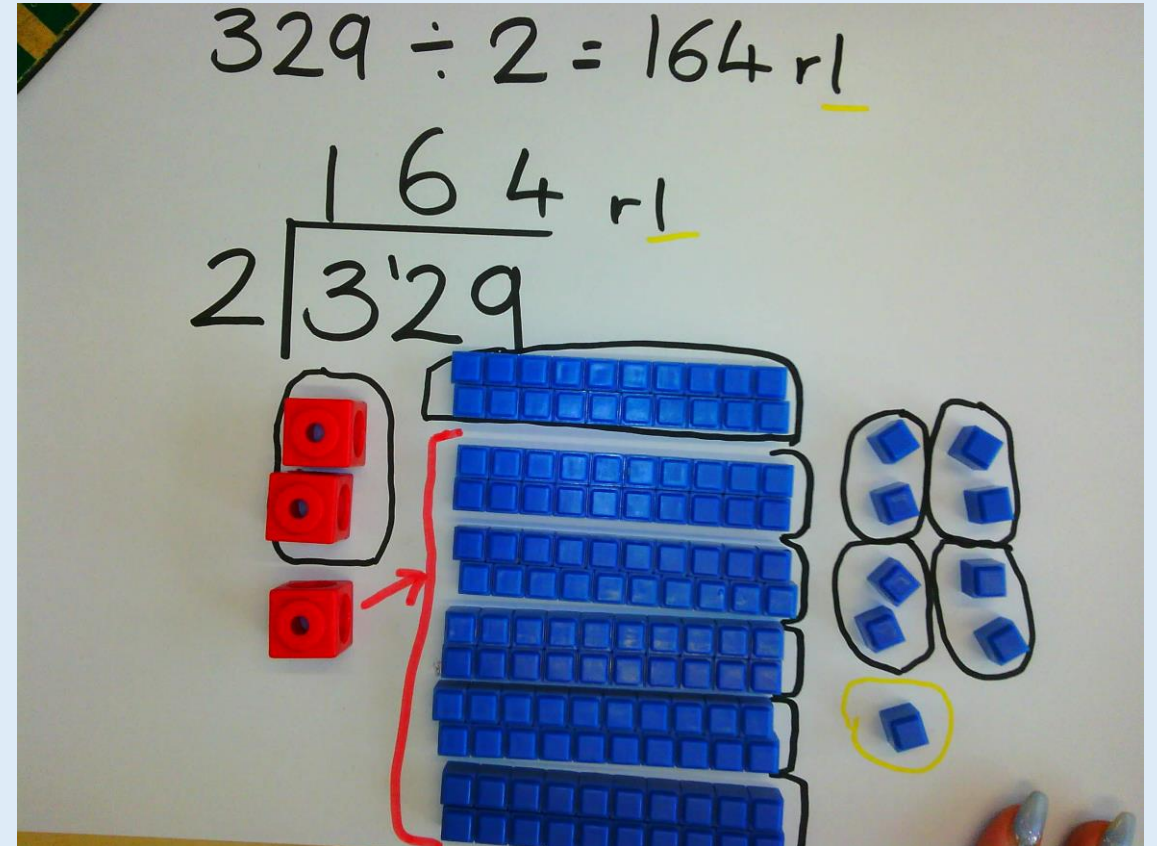
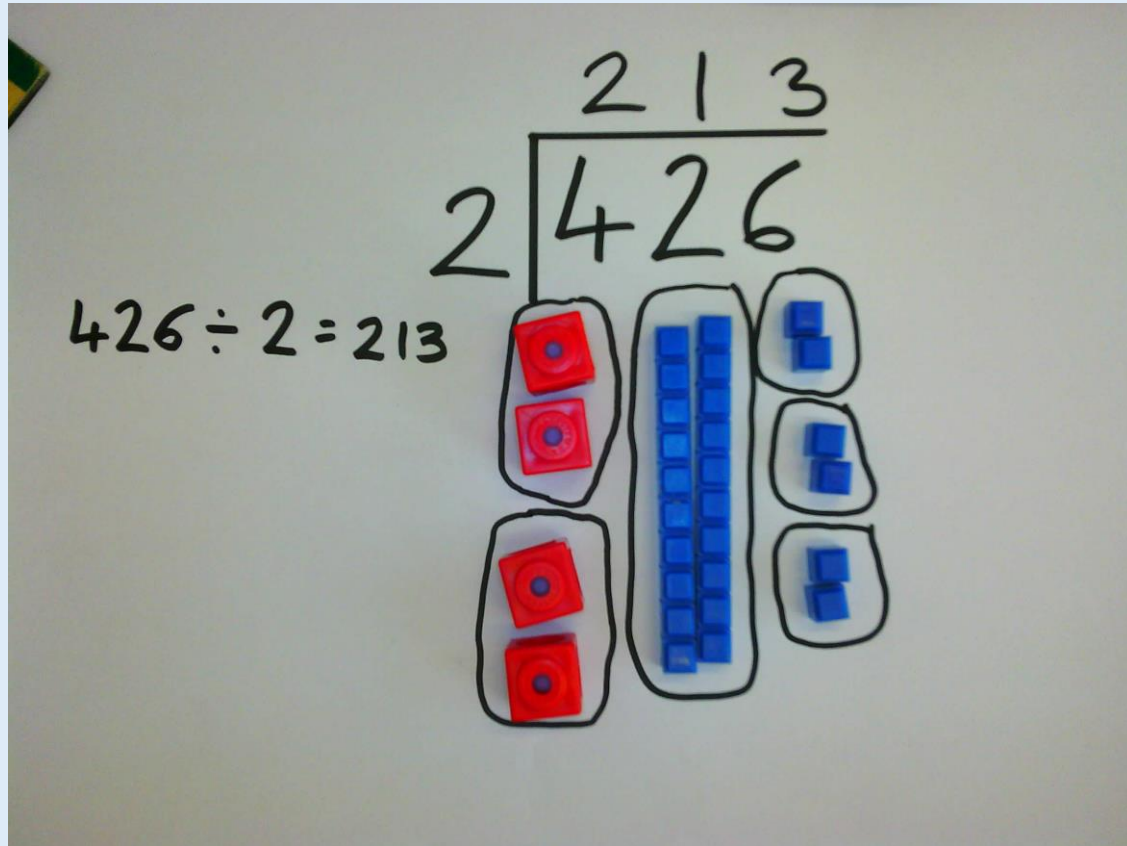


Dividing a 3-digit number by  
a 1-digit number

What methods do you know for  
dividing a 2-digit number by a  
1-digit number?

We can apply the same  
methods to 3-digit numbers!

# concrete method



# Pictorial method

$$648 \div 4 = 162$$

The diagram illustrates the division of 648 by 4 using a pictorial method. It shows three columns of base-ten blocks: hundreds (squares), tens (vertical rectangles), and ones (small circles). The dividend 648 is represented by 6 hundreds, 4 tens, and 8 ones. The divisor 4 is written to the left. The quotient 162 is written above the dividend. A red arrow points from the 4 in the tens place of the dividend to the 6 in the hundreds place of the quotient, indicating the first step of the division process.

$$879 \div 5 = 175 \text{ r } 4$$

The diagram illustrates the division of 879 by 5 using a pictorial method. It shows three columns of base-ten blocks: hundreds (squares), tens (vertical rectangles), and ones (small circles). The dividend 879 is represented by 8 hundreds, 7 tens, and 9 ones. The divisor 5 is written to the left. The quotient 175 r 4 is written above the dividend. A red arrow points from the 5 in the tens place of the dividend to the 1 in the hundreds place of the quotient, indicating the first step of the division process. The remainder 4 is underlined in yellow.

# Written method



# Written method

$$638 \div 3 =$$

