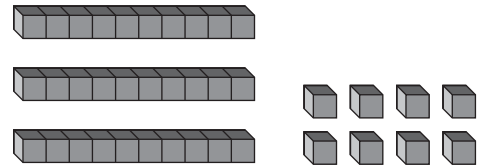
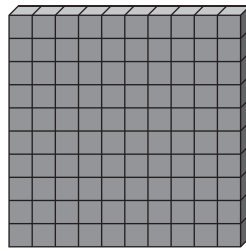


Connecting Models and Symbols

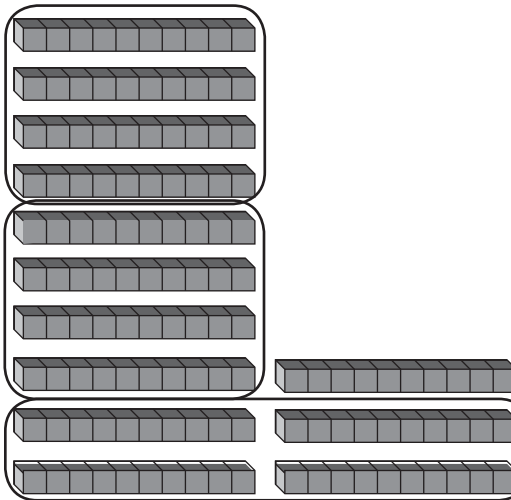
Divide 138 equally into 3 groups.



Step 1:

You can model 138 as 13 groups of 10 plus 8 ones.
 Each group will get 4 groups of 10.
 $40 \times 3 = 120$
 $130 - 120 = 10$, so there is 1 group of 10 left.

What You Think



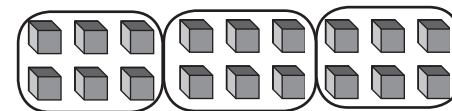
What You Write

$$\begin{array}{r} 4 \\ 3 \overline{)138} \\ -12 \\ \hline 18 \end{array}$$

Step 2:

There is 1 group of 10 plus 1 group of 8 ones left. You can model 18 as 18 ones.
 $18 \div 3 = 6$, so each group will also get 6 ones. There is nothing left.

What You Think



What You Write

$$\begin{array}{r} 46 \\ 3 \overline{)138} \\ -12 \downarrow \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

$138 \div 3 = 46$

Use models to help you divide.

1. $4 \overline{)76}$

2. $2 \overline{)94}$

3. $5 \overline{)130}$

4. $7 \overline{)238}$

5. $6 \overline{)426}$

6. $3 \overline{)264}$

7. If $n \div 3 = 57$, what is the value of n ?

Connecting Models and Symbols

After mowing lawns for one week, John put the money he earned on the table. There were four \$100 bills, three \$10 bills, and five \$1 bills.

- If John's brother borrowed one of the \$100 bills and replaced it with ten \$10 bills,
 - how many \$100 bills would there be? _____
 - how many \$10 bills would there be? _____
- If John needed to divide the money evenly with two other workers, how much would each person receive? _____
- If John needed to divide the money evenly with four other workers, how much would each person receive? _____

Complete each division problem. You may use play money or draw diagrams to help.

4.

$$\begin{array}{r}
 \square \square \\
 4 \overline{) 136} \\
 - \square \square \\
 \hline
 \square 6 \\
 - \square \square \\
 \hline
 \square
 \end{array}$$

5.

$$\begin{array}{r}
 \square \square \\
 3 \overline{) 162} \\
 - \square \square \\
 \hline
 \square 2 \\
 - \square \square \\
 \hline
 \square
 \end{array}$$

- If \$644.00 is divided equally among 7 people, how much will each person receive?

A \$82.00 **B** \$92.00 **C** \$93.00 **D** \$103.00
- Writing To Explain** Write a story problem using two \$100 bills, nine \$10 bills, and seven \$1 bills.
