

Deciding Where to Start Dividing

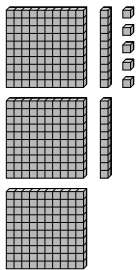
Sometimes there are not enough hundreds to divide by.
Sometimes you have to break up the hundreds into 10 tens

Find $325 \div 5$.

Estimate $300 \div 5 = 60$.

Try to divide the hundreds.

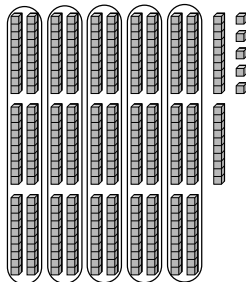
$$\begin{array}{r} 0 \\ 5 \overline{)325} \\ -0 \end{array}$$



5 does not divide into 3.
The 3 hundreds now have to be changed to 30 tens.

Divide the tens.

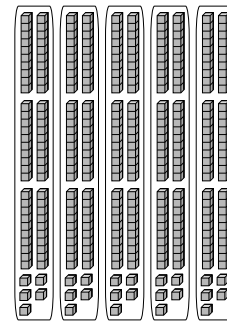
$$\begin{array}{r} 6 \\ 5 \overline{)325} \\ -30 \quad 30 \text{ tens} \\ \hline 2 \end{array}$$



With 32 tens, 6 tens can each go into 1 of 5 groups. The 2 left over tens now have to be changed to 20 ones.

Now divide the ones.

$$\begin{array}{r} 65 \\ 5 \overline{)325} \\ -30 \quad 30 \text{ tens} \\ \hline 25 \\ -25 \quad 2 \text{ tens and} \\ \hline 0 \quad 5 \text{ ones; no} \\ \quad \quad \text{remainder} \end{array}$$



Each of the five groups has 6 tens and 5 ones.

Find the missing values in the problems below.

1.
$$\begin{array}{r} 8 \quad 3R \quad \square \\ 4 \overline{)334} \\ - \square \square \\ \hline \square \square \\ - 1 \quad 2 \\ \hline \square \end{array}$$

2.
$$\begin{array}{r} \square \square \quad R4 \\ 6 \overline{)148} \\ - \square \square \\ \hline \square \square \\ - \square \quad 4 \\ \hline \square \end{array}$$

3. $5 \overline{)125}$

4. $8 \overline{)418}$