

Understand it!
Numbers can be broken apart into tens and ones to divide.

Dividing with 2-Digit Numbers

Dara and Toby are dividing each kind of fruit equally into four boxes. How many apples should they put in each box?

Choose an Operation Division is used to find the size of equal groups. Find $76 \div 4$.
Estimate There are about 80 apples, and $80 \div 4 = 20$. They should put about 20 apples in each box.

Kind of Fruit	Number
Oranges	92
Pears	56
Apples	76

Mental Computation

Write the factors for these numbers.

1 24

3 76

Guided Practice

How would you use estimation to solve these?

5

$3 \overline{)48}$

6

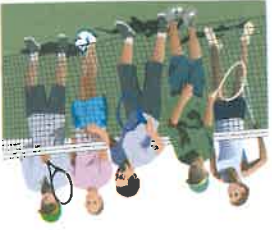
$6 \overline{)84}$

7

$5 \overline{)85}$

Reasoning

8 Charles says that $68 \div 4 = 18$. Is he correct? Explain.



13 At the tennis clinic, there are 96 players and 8 tennis courts. How many people are on each court if each court has the same number of players?

Problem Solving



14a Write a word problem that needs division with 2-digit numbers to find the answer.

the answer.

12 I have 94 marbles to share equally between 2 friends. How many marbles will each friend receive?

Write as a division equation to find the quotient.

9 $\square \overline{)678}$

10 $\square \overline{)381}$

11 $\square \overline{)492}$

Independent Practice

Step 1 Divide the tens.
 $7 \text{ tens} \div 4 = 1$
Share out the 3 tens left for 36 ones.

Step 2 Divide the ones.
Now share the 36 ones among 4.
 $19 \overline{)76}$
They should put 19 apples in each box.

Step 3 Check by multiplying.
$$\begin{array}{r} 19 \\ \times 4 \\ \hline 76 \end{array}$$

Also, the answer 19 is close to the estimate of 20.