

Divide 3-digit by 1-digit

Use long division. Start with the hundreds, then bring down one digit at a time.

1 Study the model.

$$\begin{array}{r}
 149 \\
 5 \overline{) 745} \\
 \underline{- 5} \\
 24 \\
 \underline{- 20} \\
 45 \\
 \underline{- 45} \\
 0
 \end{array}$$

Worked example: $745 \div 5$

- ① $7 \div 5 = 1$, $7 - 5 = 2$.
- ② Bring down the 4: $24 \div 5 = 4$, $24 - 20 = 4$.
- ③ Bring down the 5: $45 \div 5 = 9$, $45 - 45 = 0$.
- ④ Check: $149 \times 5 = 745$.

2 Divide. Keep each digit in its column.

1.	2.	3.	4.	5.
$4 \overline{) 648}$	$5 \overline{) 735}$	$6 \overline{) 816}$	$7 \overline{) 952}$	$3 \overline{) 384}$

6.	7.	8.	9.	10.
$4 \overline{) 156}$	$6 \overline{) 282}$	$4 \overline{) 824}$	$9 \overline{) 945}$	$8 \overline{) 672}$

3 Solve the library book sale problems.

11. The library sale has 312 books. Volunteers put the same number of books on each of 6 tables. How many books go on each table?

Answer books

12. The book sale raises 875 dollars. It is shared equally by 7 classes. How much money does each class get?

Answer dollars