Unit 13 — Divide 2-Digit Numbers by 1-Digit Number

Unit 13(a): Divide 2-Digit Numbers by 1-Digit Number Without Remainder.

TEACHING AIDS

You will need:

1. Basic Multiplication Facts Table
2. Basic Division Facts Table

TEACHING STEPS

1. Have pupils solve division of two digit numbers by one digit numbers (without remainder) using the Basic Multiplication Facts Table.

$8 \div 2 =$	$28 \div 4 =$
$14 \div 8 =$	$42 \div 6 =$
$24 \div 6 =$	$63 \div 9 =$
$27 \div 3 =$	$64 \div 8 =$
$30 \div 5 =$	$56 \div 7 =$

2. Teacher shows division of 2 digit numbers by 1 digit number without remainder by subtracting successively, e.g.

$$27 \div 9 = \boxed{}$$

$$
\begin{array}{r}
2\ \ 7 \\
-\ \ \ \ 9 \quad \checkmark \\
\hline
1\ \ 8 \\
-\ \ \ \ 9 \quad \checkmark \\
\hline
9 \\
-\ \ \ \ 9 \quad \checkmark \\
\hline
0 \\
\hline
\end{array}
$$

Subtract 9 three times successively to get zero.

3. Complete the number sentence:

$$27 \div 9 = 3$$

4. Have pupils solve the questions in step 1 by subtracting successively.

5. Teacher shows another way to divide a two digit number by a one digit number without remainder, e.g.

$$21 \div 7 = \boxed{}$$

```
        1
        1      } 3
        1
  7 ) 2  1
    –    7
    1    4
    –    7
         7
    –    7
         0
```

6. Complete the number sentence:

$$27 \div 9 = 3$$

7. Have pupils use the method in step 4 to solve the questions in step 1.
8. Pupils do Worksheet 13(a).

Worksheet 13(a)
Divide 2-Digit Numbers by 1-Digit Number Without Remainder

Name : ....   Date: ....

Solve these problems.

1)

$$5\overline{)90}$$

2)

$$6\overline{)96}$$

3)

$$7\overline{)84}$$

4)

$$3\overline{)72}$$

5)

$$2\overline{)30}$$

6)

$$2\overline{)50}$$

7)

$$4\overline{)12}$$

8)

$$6\overline{)95}$$

9)

$$2\overline{)32}$$

10)

$$2\overline{)60}$$

11)

$$4\overline{)96}$$

12)

$$3\overline{)26}$$

Unit 13(b): Divide 2-Digit Numbers by 1-Digit Number With Remainder.

TEACHING AIDS

You will need:

1. Basic Multiplication Facts Table
2. Basic Division Facts Table

TEACHING STEPS

1. Have pupils solve division of two digit numbers by one digit numbers (with remainder) using the Basic Multiplication Facts Table.

$9 \div 2 =$	$29 \div 4 =$
$27 \div 8 =$	$45 \div 6 =$
$28 \div 6 =$	$67 \div 9 =$
$29 \div 3 =$	$69 \div 8 =$
$33 \div 5 =$	$60 \div 7 =$

2. Teacher shows division of 2 digit numbers by 1 digit number with remainder by subtracting successively, e.g.

$$29 \div 9 = \boxed{}$$

```
    2  9
 -     9  ✓
    2  0
 -     9  ✓
    1  1
 -     9  ✓
       2
```
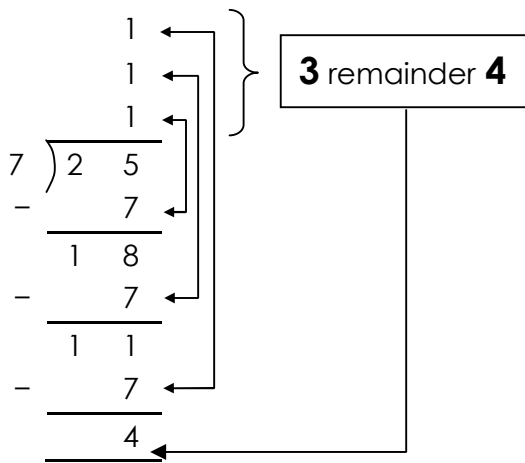
Subtract 9 three times successively, 2 remainder

3. Complete the number sentence:

$$29 \div 9 = 3 \text{ remainder } 2$$

4. Teacher shows another way to divide a two digit number by a one digit number with remainder, e.g.

$$25 \div 7 = \boxed{}$$

```
        1
        1          3 remainder 4
        1
  7 ) 2  5
  –      7
      ‾‾‾‾‾
      1  8
  –      7
      ‾‾‾‾‾
      1  1
  –      7
      ‾‾‾‾‾
         4
      ‾‾‾‾‾
```

5. Complete the number sentence:

$$25 \div 7 = 3 \text{ remainder } 4$$

4.

5. Have pupils use the method in step 4 to solve the questions in step 1.

6. Pupils do Worksheet 13(b).

Worksheet 13(b)
Divide 2-Digit Numbers by 1-Digit Number With Remainder.

Name : .... Date: ....

Solve these problems.

1)

$9\overline{)46}$

2)

$9\overline{)14}$

3)

$5\overline{)48}$

4)

$3\overline{)29}$

5)

$9\overline{)44}$

6)

$7\overline{)93}$

7)

$9\overline{)39}$

8)

$7\overline{)31}$

9)

$9\overline{)53}$

Test 13

Solve these problems.

26 ÷ 42 = _____	64 ÷ 8 = _____	28 ÷ 3 = _____
39 ÷ 3 = _____	72 ÷ 9 = _____	95 ÷ 5 = _____
48 ÷ 4 = _____	25 ÷ 3 = _____	39 ÷ 4 = _____
32 ÷ 7 = _____	99 ÷ 7 = _____	50 ÷ 2 = _____
25 ÷ 8 = _____	49 ÷ 6 = _____	31 ÷ 4 = _____
36 ÷ 9 = _____	84 ÷ 9 = _____	55 ÷ 6 = _____
83 ÷ 6 = _____	62 ÷ 7 = _____	75 ÷ 8 = _____
29 ÷ 5 = _____	86 ÷ 8 = _____	37 ÷ 3 = _____
30 ÷ 6 = _____	38 ÷ 6 = _____	47 ÷ 5 = _____
21 ÷ 7 = _____	35 ÷ 2 = _____	77 ÷ 7 = _____