## $7-17$ <br> How Many People？

Example There are 14 chocolates．If we give 3 chocolates to each child，how many children can get chocolates？


If you divide 14 chocolates by giving 3 to each child，you can give chocolates to 4 children and 2 will be left．

You can write the math sentence as follows：

$$
14 \div 3=4 \quad R 2
$$

Answer 4 children can get chocolates and 2 chocolates will be left．
Answer the following questions．
（1）There are 2I flowers．If we give 5 flowers to each person，how many people can get flowers？
Math
sentence


Answer $\square$ people can get flowers and $\square$ flower will be left．
（2）There are 3। biscuits．If we give 6 biscuits to each child，how many children can get biscuits？

Math
sentence


Answer $\square$ children can get biscuits and $\square$ biscuit will be left．
（3）There is a ribbon that is 60 cm long．We need pieces of ribbon that are 7 cm long each．How many pieces of ribbon can we get？
Math sentence $\square$
Answer We can get $\square$ pieces of ribbon and $\square$ cm of ribbon will be left．

## 7－2 <br> How Many for One Person？

Example There are 16 biscuits．If we divide evenly them among 3 people，how many biscuits will each person get？How many biscuits will be left？


Answer the following questions．
（1）There are 14 pieces of candy．If we divide them evenly among 4 children，how many pieces of candy will each child get？
Math sentence $\square$
Answer
 pieces of candy and $\square$ pieces will be left．
2 There are 23 pencils．If 5 students divide them evenly，how many pencils will each student get？
Math
sentence $\square$
Answer Each student can get $\square$ pencils and $\square$ pencils will be left．
（3）There are 40 lemons．If we divide them evenly among 7 people， how many lemons will each person get？
Math sentence $\square$
Answer
Each people can get $\square$ lemons and $\square$ lemons will be left．


Calculate the following problems and check the answer by writing the numbers in the $\qquad$ ．
（1） $33 \div 4=\square \mathrm{R} \square$ Check the answer

（2） $15 \div 9=\square$
$\square$ Check the answer

$$
\square \times \square+\square=\square
$$

3 $\square$
R $\square$ Check the answer

（4） $24 \div 9=\square$
R $\square$

Check the answer

$$
\square \times \square+\square=\square
$$

（b） $33 \div 9=\square$ $\square$ Check the answer
$\square$

[^0]

Answer the following questions．
（1）There are 30 donuts．We are going to divide the donuts so each child can get 4 donuts．How many
 children can get donuts and how many donuts will be left？
Math
sentence $\square$
Answer $\square$
2 We are dividing 32 chocolates among 9 people evenly．How many chocolates will each person get and how many chocolates will be left？
Math
sentence $\square$
Answer $\square$
（3）There are 45 sheets of coloured paper．There are 8 students and each student will receive 5 sheets each．Will there be enough coloured paper？
Math
sentence $\square$
Answer $\square$

## $7-5$ <br> Problems Dealing with Remainders（1）

Example There are 27 sweets．We are going to put 6 sweets in one box．How many boxes do we need if we put all sweets in boxes？

$27 \div 6=4$ R3．If we have 4 boxes，the remaining 3 sweets do not fit in the box．There is another box to put the remaining 3 sweets．

Math sentence

$$
27 \div 6=4 \quad \text { R } 3 \quad 4+1=5
$$



Answer the following questions．
（1）There are 30 balls．We are going to put all the balls in boxes， 4 balls per box．How many boxes do we need？

Math sentence $\square$

（2）There are 43 children．Five children are going to sit on one bench．How many benches are needed so all the children can sit on benches？

Math sentence $\square$
Answer $\square$
（3）There is a 78 page book．If I read 8 pages in one day，how many days will it take me to finish reading this book？
Math
sentence $\square$
Answer $\square$

## 7. <br> Problems Dealing with Remainders（2）

－Example We have 45 flowers．We are making bouquets that have 7 flowers each．How many bouquets can we make？

$45 \div 7=6$ R3．We can make 6 bouquets and 3 flowers will be left． The remaining 3 flowers are not enough to make a bouquet because 7 flowers are necessary to make a bouquet．

Math sentence

$$
45 \div 7=6 \quad R 3
$$



Answer the following questions．
1）There are 47 buttons．We need 7 buttons to make one shirt． How many shirts can we make in total？
Math sentence $\square$
Answer

（2）We are making fresh orange juice．There are 26 oranges．We need 4 oranges to make a glass of juice．How many glasses of orange juice can we make？
Math sentence $\square$
Answer $\square$
（3）There is a bookshelf that is 28 cm wide．We want to put books that are 3 cm wide each on the shelf．How many of these books can we put on the bookshelf？
Math sentence $\square$

[^1]$\square$

## 7－7

Example Divide the numbers in the following table by 3．Put a for divisible numbers，a $\square$ for numbers with RI， and a $\triangle$ for numbers with R 2 ．


1 Divide the numbers in the following table by 2．Put a
 divisible numbers and a $\square$ for numbers with RI．

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

2 Divide the numbers in the following table by 4．Put a $\bigcirc$ for divisible numbers，a $\square$ for numbers with RI，a $\qquad$ for numbers with R2 and a $X$ for numbers with R3．

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1!$ | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| $3!$ | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |

## 7－8 <br> Remainders（2）

Example The following table shows the remainders． Write the numbers in the blanks．

$2 \div 2=1 \mathrm{R} 0 \quad$|  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 2$ | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 |
| R | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

$2 \div 2=1$ ，so it is divisible and write＂ 0 ．＂Then $3 \div 2=\mid \mathrm{RI}$ ，so write＂ I ．＂

The following tables show the remainders．Write the numbers in the blanks．

|  | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 3$ | 1 | 1 | 1 |  |  |  |  |  |  |  |
| $R$ | 0 | 1 |  |  |  |  |  |  |  |  |


|  | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 4$ | 1 | 1 |  |  |  |  |  |  |  |  |
| $R$ | 0 | 1 |  |  |  |  |  |  |  |  |


|  | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 5$ | 1 | 1 |  |  |  |  |  |  |  |  |
| $R$ | 0 |  |  |  |  |  |  |  |  |  |


|  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 6$ | 1 |  |  |  |  |  |  |  |  |  |
| $R$ | 0 |  |  |  |  |  |  |  |  |  |


|  | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\div 7$ | 1 |  |  |  |  |  |  |  |  |  |
| $R$ |  |  |  |  |  |  |  |  |  |  |

## 7－9 <br> Review

1 Calculate the following problems and check the answer by writing the numbers in the $\qquad$ ．

R $\square$

Check the answer

$$
\square \times \square+\square=\square
$$

$$
\text { (2) } 18 \div 7=\square
$$

$$
35 \div 8=\square
$$

$\square$
Check the answer

$$
\square \times \square+\square=\square
$$

$\square$
Check the answer
$\square$
$\square \times \square+\square=\square$
（4） $53 \div 8=\square \mathrm{R} \square$
Check the answer

$$
\square \times \square+\square=\square
$$

Check the answer


Check the answer

（1） 11 $\square$ $R \square$
Check the answer

$$
\square \times \square+\square=\square
$$

$$
\text { (9) } \quad 47 \div 6=\square
$$

$\square$
Check the answer

（8） $25 \div 9=\square \mathrm{R} \square$
Check the answer

（10） $34 \div 9=\square \mathrm{R} \square$
Check the answer


Look at the above division problems 6，8 and（10．The dividends are＂ 16 ，＂ ＂25，＂and＂34，＂respectively．If the dividends will be＂43，＂＂52，＂＂6｜，＂＂70，＂ how about the answers？Can you find an interesting rule？

2 Explain the mistakes in the following calculations．Then calculate them correctly．

1
$13 \div 2=5 R 3$


3
$55 \div 6=9$
R 2

（2） $41 \div 6=7 \mathrm{R}$ ।

4） $35 \div 7=4$
R 7

3 Answer the following questions．
（1）There are 40 apples．We are going to divide the apples so each child can get 6 apples．How many children can get apples and how many apples will be left？

Math sentence $\square$
Answer $\square$
（2）We are dividing 25 chocolates among 3 people evenly．How many chocolates will each person get and how many chocolates will be left？

Math
sentence $\square$
Answer $\square$
（3）There is a 56 －page book．If I read 9 pages in one day，how many days will it take me to finish reading this book？

Math
sentence $\square$



[^0]:    Look at 2，4）and 6．The dividends are＂ 15 ，＂＂ 24 ，＂and＂ 33 ，＂respectively． If the dividends will be＂ 42 ＂and＂ 51 ，＂how about the answers？

[^1]:    Answer

