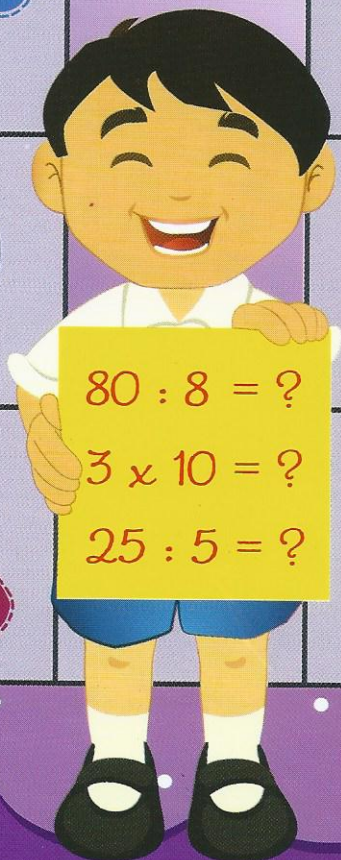


NGUYỄN TRƯỜNG GIANG
LÊ VINH PHÚC

MATH

in My World

3



x



20

:

2

4

x

10



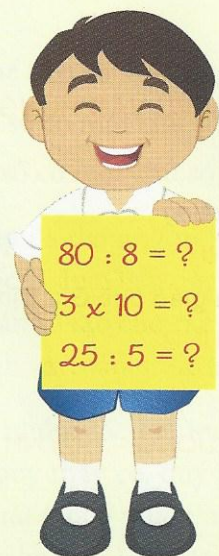
NHÀ XUẤT BẢN GIÁO DỤC VIỆT NAM

NGUYỄN TRƯỜNG GIANG
LÊ VĨNH PHÚC



MATH 3

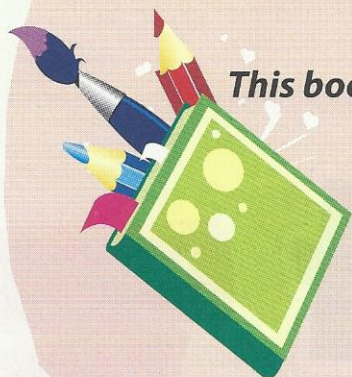
in My World



NHÀ XUẤT BẢN GIÁO DỤC VIỆT NAM

Tổ chức biên soạn:

Sở Giáo dục và Đào tạo Thành phố Hồ Chí Minh -
Công ty cổ phần Dịch vụ xuất bản giáo dục Gia Định



This book belongs to

Class

School



Chịu trách nhiệm xuất bản :

Chủ tịch Hội đồng Thành viên **MẠC VĂN THIÊN**

Tổng Giám đốc kiêm Tổng biên tập **GS.TS. VŨ VĂN HÙNG**

Tổ chức bản thảo và chịu trách nhiệm nội dung :

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Công ty cổ phần Dịch vụ xuất bản giáo dục Gia Định –
Nhà xuất bản Giáo dục Việt Nam giữ quyền công bố tác phẩm.

MATH IN MY WORLD 3

Mã số : **T3N11M5 - DVN**

In 10.050 bản (QĐ 54), khổ 20,5 x 27,5cm

In tại Công ty TNHH Một Thành Viên In Sài Gòn Giải Phóng.

Số 90A Nguyễn Văn Quá, P. Đồng Hưng Thuận, Q.12 - TP. HCM.

Số ĐKXB : 2369-2015/CXBIPH/16-1229/GD

Số QĐXB : 898TK/QĐ-GD, ngày 09 tháng 10 năm 2015

In xong và nộp lưu chiểu tháng 10 năm 2015.



Lời nói đầu

Bộ sách **Math in My World** là bộ sách được biên soạn nhằm giúp các em học sinh Tiểu học làm quen và rèn luyện ngôn ngữ tiếng Anh trong môn Toán.

Sách **Math in My World 3** được thiết kế theo từng bài học với các phần **Lí thuyết** (Let's learn và Vocabulary) gồm các bài toán để hình thành kiến thức mới và các thuật ngữ được sử dụng trong bài học; phần **Luyện tập** (Let's practice) với các bài toán đa dạng, phong phú tạo hứng thú cho học sinh trong quá trình học toán; phần **Tự luyện** (Let's try) có các bài tập để các em tự rèn luyện, nâng cao khả năng suy nghĩ và phần **Liên hệ thực tế** (Math in my world) với các bài tập, trò chơi hoặc một thử thách theo các chủ đề gắn liền với thực tế cuộc sống, giúp cho việc học Toán trở nên sinh động và gần gũi hơn. Sách được trình bày đẹp mắt, phù hợp với chuẩn kiến thức và tâm lí của trẻ lớp 3.

Nội dung của quyển sách bao gồm 4 chương với 13 đơn vị bài học và 4 bài ôn:

Chương 1: Số có 3 chữ số

Chương 2: Đo thời gian, thể tích và khối lượng

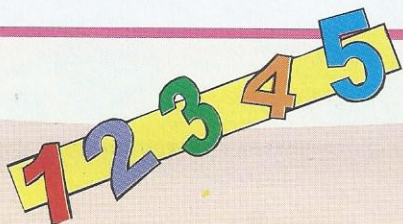
Chương 3: Phép nhân (với số có một chữ số)

Chương 4: Phép chia (cho số có một chữ số).

Thông qua các dạng bài tập đa dạng, hợp lí và lời cuốn, học sinh có thể vừa luyện tập tiếng Anh vừa học Toán. Điều này sẽ giúp các em cảm thấy thích thú khi học tiếng Anh bằng Toán và tạo cho các em bước nền quan trọng để có thể tiếp cận các kì thi tiếng Anh và Toán quốc tế trong tương lai.

Với mục đích tốt đẹp mà nhóm tác giả mong muốn đạt được, chúng tôi hi vọng quyển sách sẽ được quý thầy cô, quý phụ huynh cùng các em học sinh đón nhận. Chúng tôi cũng rất mong muốn nhận những ý kiến đóng góp để nội dung quyển sách ngày càng hoàn thiện hơn.

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Back to School



Hi, friends! Welcome to **Math in My World 3!**
We will go on the journey to explore the world of
math and we will find out how interesting it is!

Before we start, let's see how well you know
about math! Are you ready? Let's get started!





1. Write the value of digits and number word.

a.

39 = 30 + 9

.....

b.

57 = +

.....

2. Put the numbers in the correct order.

a. 13, 38, 67, 42, 80.

13
----	-------	-------	-------	-------

b. 55, 23, 46, 77, 19.

77
----	-------	-------	-------	-------

3. Read the tens and ones on the stars. Write the numbers on the lines.

a.



and



= + =

b.

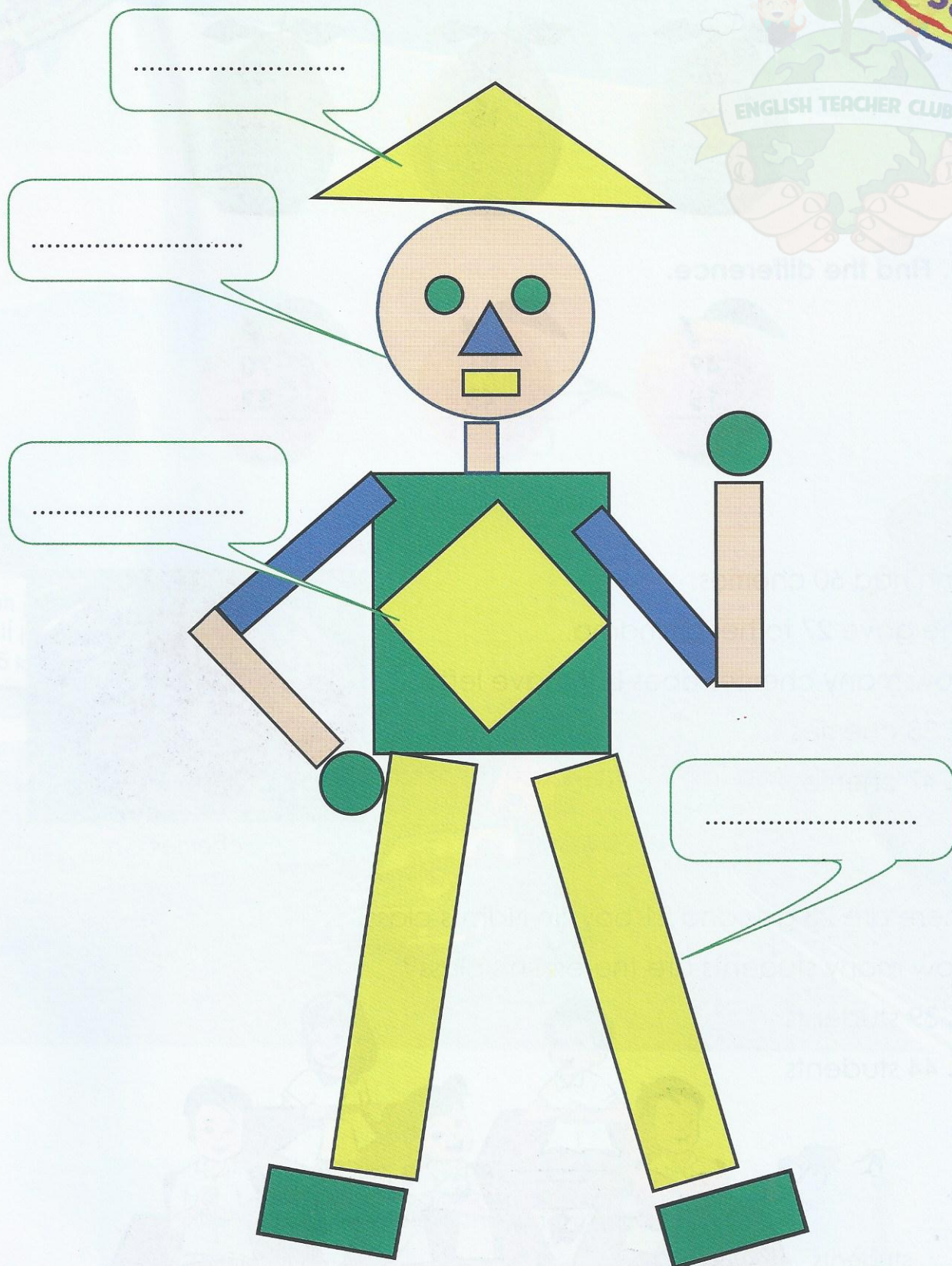


and



= + =

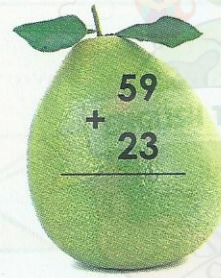
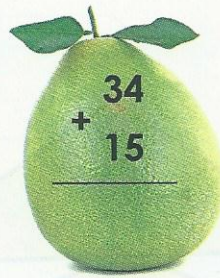
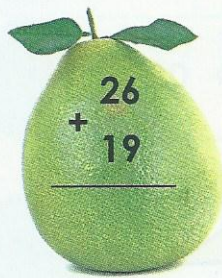
4. What shape is it? Fill in the box.



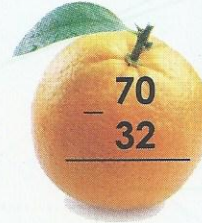
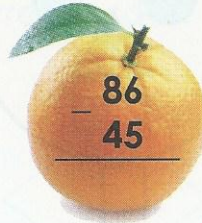
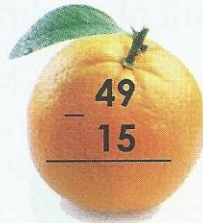
Back to School

ENGLISH TEACHER CLUB

5. Find the sum.



6. Find the difference.



7.

Linh had 60 cherries.

She gave 27 to her grandma.

How many cherries does Linh have left?

a. 33 cherries

b. 47 cherries



cherries

8.

There are 23 girls and 21 boys in Nam's class.

How many students are there in his class?

a. 39 students

b. 44 students



students



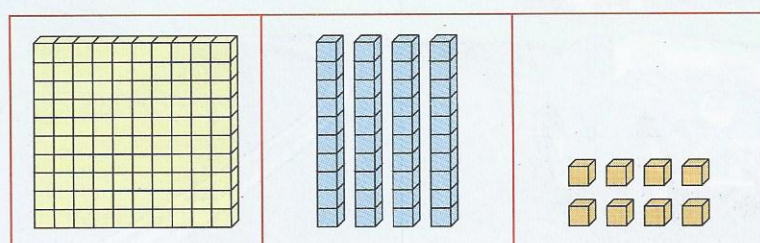
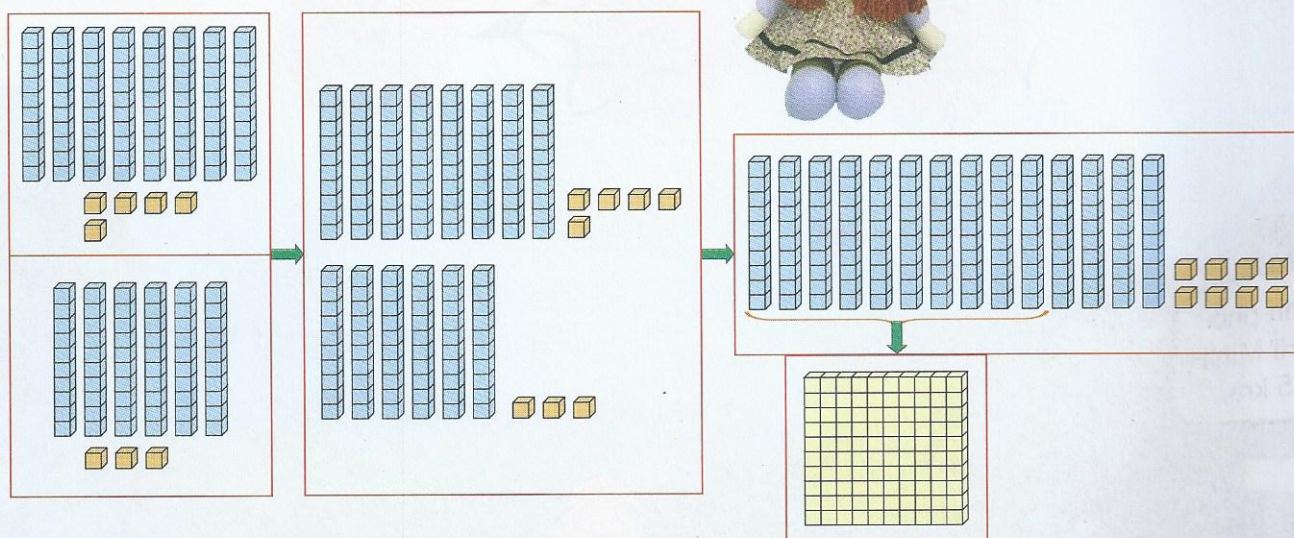
- How do you feel about the landscape in Viet Nam?
- Which do you like most in the picture?
- How do you read the number on the board?

Let's learn

A store sold 85 dolls on Monday and 63 dolls on Tuesday. How many dolls did the store sell in all?

Add: $85 + 63 = ?$

We can use place-value models to show the result:



1 hundred

4 tens

8 ones

Write: **148**

Read: **one hundred forty-eight**

Objectives

To know the value of the digit in the number
To read the numbers

Vocabulary

hundreds, tens, ones



1. Read and match.

274	Four hundred fifty
306	Eight hundred nine
128	One hundred eighty-three
765	One hundred twenty-eight
183	Three hundred six
450	Two hundred seventy-four
809	Seven hundred sixty-five



2. Place the value of the digit in these numbers.

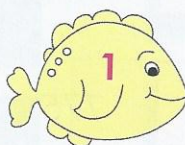
a. Place value of seven hundred twenty-one =



hundreds

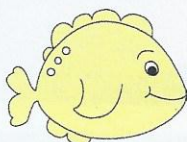


tens

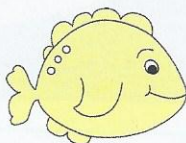


ones

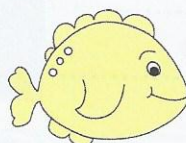
b. Place value of three hundred six =



hundreds

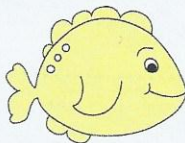


tens

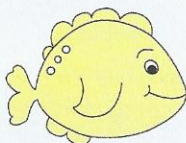


ones

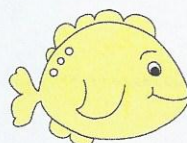
c. Place value of three hundred seventy-seven =



hundreds

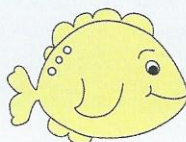


tens

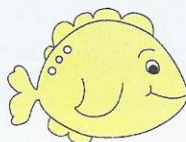


ones

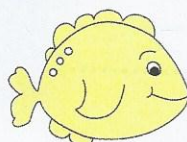
d. Place value of five hundred ninety-seven =



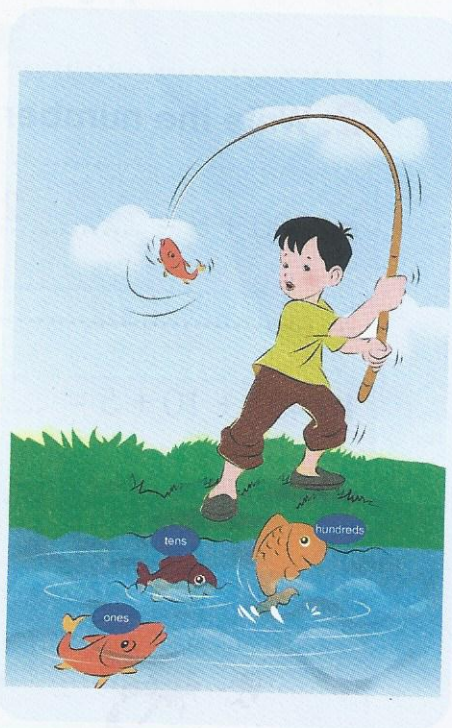
hundreds



tens



ones





Let's try

1. Fill in the box (using $>$, $<$ or $=$).

325

$<$

328

292

192

427

472

110

101

775

775



2. Write the number and read.

a. $200 + 9 =$ **209**

.....

b. $400 + 10 + 5 =$

.....

c. $900 + 9 =$

.....

d. $100 + 10 + 2 =$

.....

e. $300 + 80 =$

.....

f. $800 + 60 + 2 =$

.....

g. $500 + 40 =$

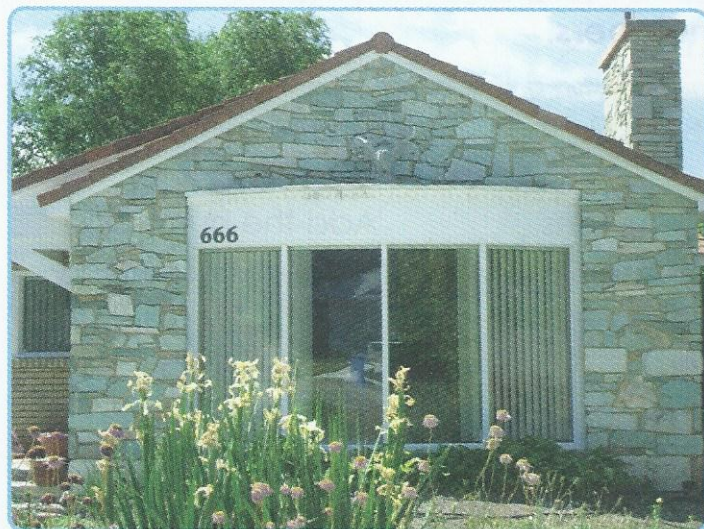
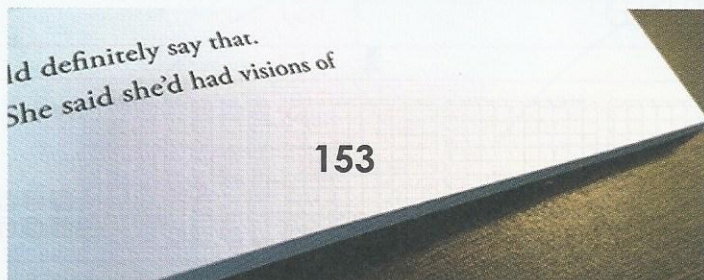
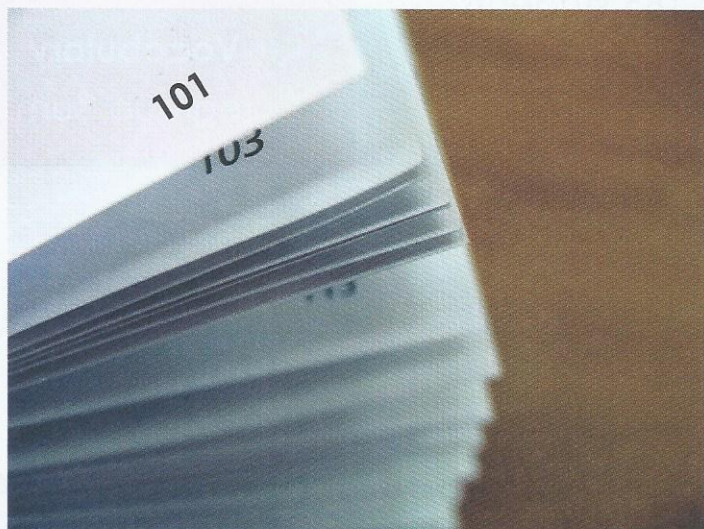
.....

h. $600 + 6 =$

.....

Math in my world

Read the number.



Page number

.....

.....

.....

.....

.....

Let's learn

Ben Thanh Primary School has 185 students in grade 2 and 192 students in grade 3. How many students are there in all?

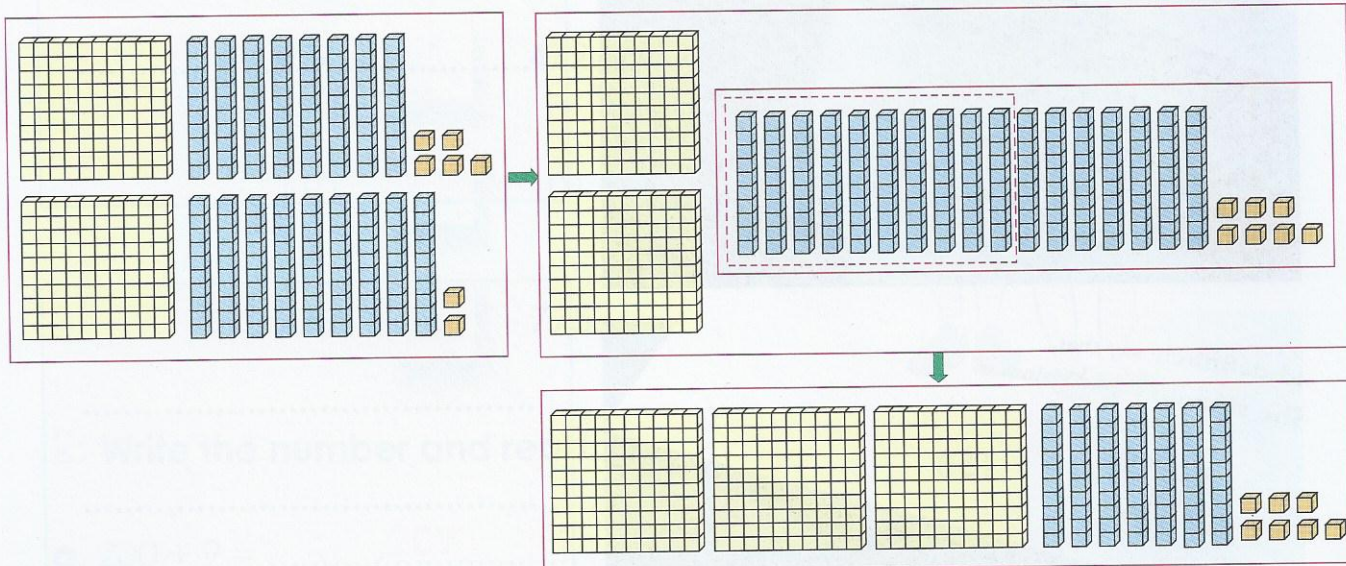
Add: $185 + 192$

Objectives

To know how to add 3-digit numbers

Vocabulary

regroup, sum

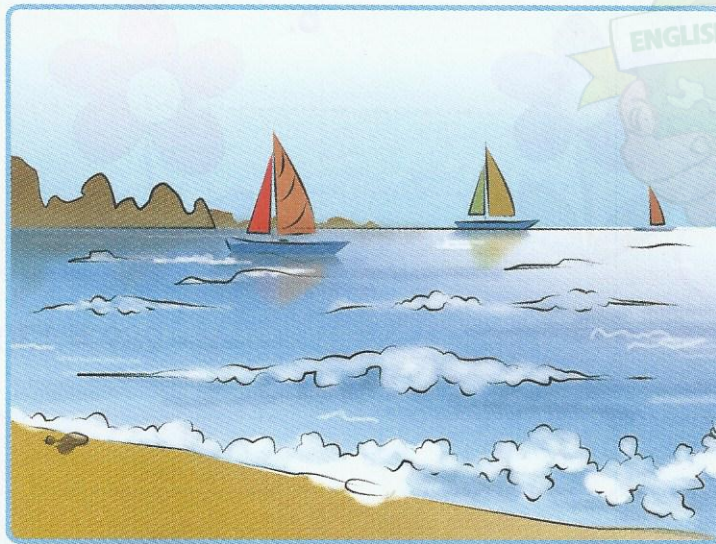


Here is the way to add 3-digit numbers.

Step 1	Step 2	Step 3
Add the ones Regroup if necessary	Add the tens Regroup if necessary	Add the hundreds Regroup if necessary
$\begin{array}{r} 185 \\ + 192 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ 185 \\ + 192 \\ \hline 77 \end{array}$	$\begin{array}{r} 1 \\ 185 \\ + 192 \\ \hline 377 \end{array}$

Let's practice

Add then circle the right sum.



Example:

$$\begin{array}{r} 128 \\ + 112 \\ \hline 240 \end{array}$$

240 230

$$\begin{array}{r} 117 \\ + 124 \\ \hline \dots\dots\dots \end{array}$$

241 240

$$\begin{array}{r} 135 \\ + 125 \\ \hline \dots\dots\dots \end{array}$$

160 260

$$\begin{array}{r} 142 \\ + 209 \\ \hline \dots\dots\dots \end{array}$$

351 341

$$\begin{array}{r} 156 \\ + 126 \\ \hline \dots\dots\dots \end{array}$$

293 282

$$\begin{array}{r} 137 \\ + 134 \\ \hline \dots\dots\dots \end{array}$$

271 261

$$\begin{array}{r} 248 \\ + 205 \\ \hline \dots\dots\dots \end{array}$$

553 453

$$\begin{array}{r} 238 \\ + 259 \\ \hline \dots\dots\dots \end{array}$$

497 487

$$\begin{array}{r} 319 \\ + 326 \\ \hline \dots\dots\dots \end{array}$$

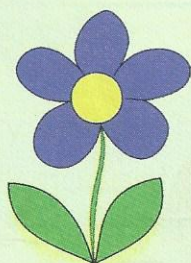
645 635



Let's try

1. Find x .

a.



$$x - 135 = 249$$

.....
.....

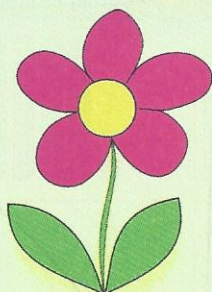
b.



$$x - 289 = 130$$

.....
.....

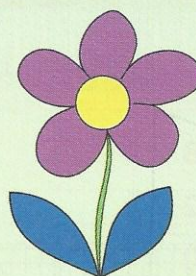
c.



$$x - 104 = 219$$

.....
.....

d.



$$x - 215 = 292$$

.....
.....

2.

The mass of a pig is 120 kg. The mass of a tiger is 386 kg. How heavy are the pig and the tiger all together?

.....
.....
.....
.....



3.

Mai has 236 stickers. Mai has 17 fewer stickers than Nam. How many stickers does Nam have?

.....

.....

.....

.....



Math in my world

The mass of the people in the elevator is 570 kg. Lan's mass is 32 kg. Can Lan get into the elevator, if the max mass the elevator can carry is 600 kg?

.....

.....

.....

.....

.....

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.....

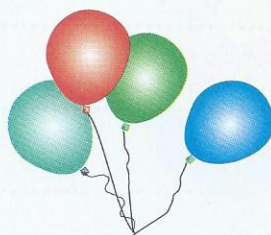
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Let's learn

There are 121 red balloons and yellow balloons at the party.

If 85 balloons are red, how many yellow balloons are there?



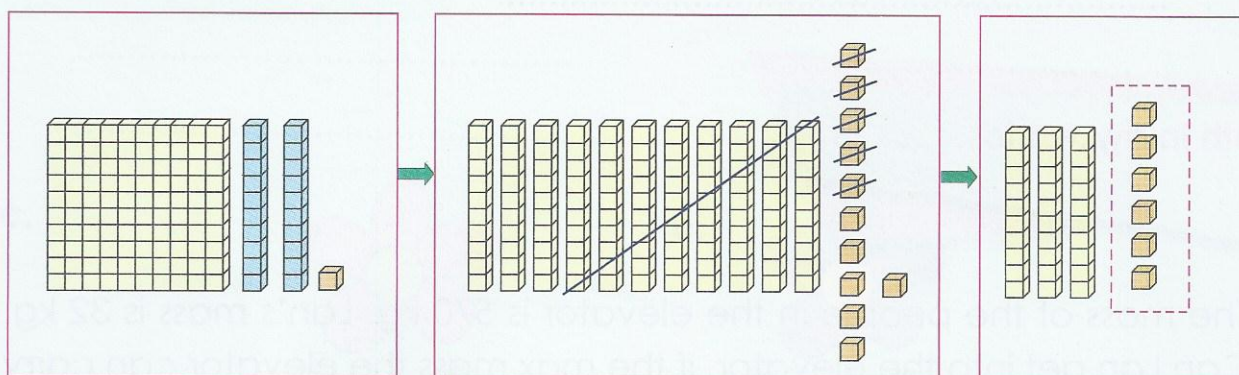
Subtract: $121 - 85$

Objectives

To know how to subtract 3-digit numbers.

Vocabulary

difference



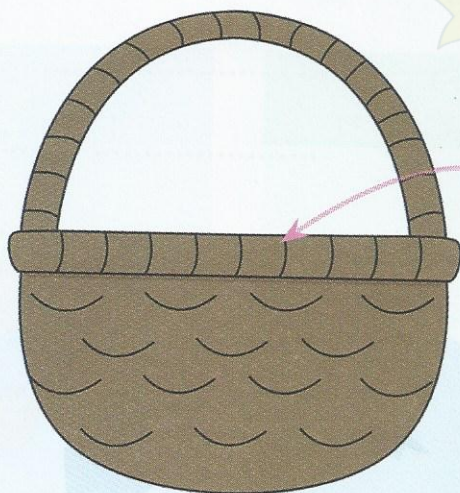
Here is the way to subtract 3-digit numbers.

Step 1	Step 2	Step 3	Step 4
Subtract the ones Not enough ones	Regroup Not enough tens	Regroup	Subtract
$\begin{array}{r} 121 \\ - 85 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ 121 \\ - 85 \\ \hline 6 \end{array}$	$\begin{array}{r} 12 \\ 121 \\ - 185 \\ \hline 6 \end{array}$	$\begin{array}{r} 12 \\ 121 \\ - 185 \\ \hline 036 \end{array}$

You can check: $36 + 85 = 121$

Let's practice

Subtract. Put the ball whose difference is an even number into the basket.



$$\begin{array}{r} 876 \\ - 669 \\ \hline \end{array}$$

$$\begin{array}{r} 682 \\ - 244 \\ \hline 438 \end{array}$$

$$\begin{array}{r} 297 \\ - 188 \\ \hline \end{array}$$

$$\begin{array}{r} 443 \\ - 295 \\ \hline \end{array}$$

$$\begin{array}{r} 336 \\ - 119 \\ \hline \end{array}$$

$$\begin{array}{r} 525 \\ - 306 \\ \hline \end{array}$$

$$\begin{array}{r} 977 \\ - 649 \\ \hline \end{array}$$



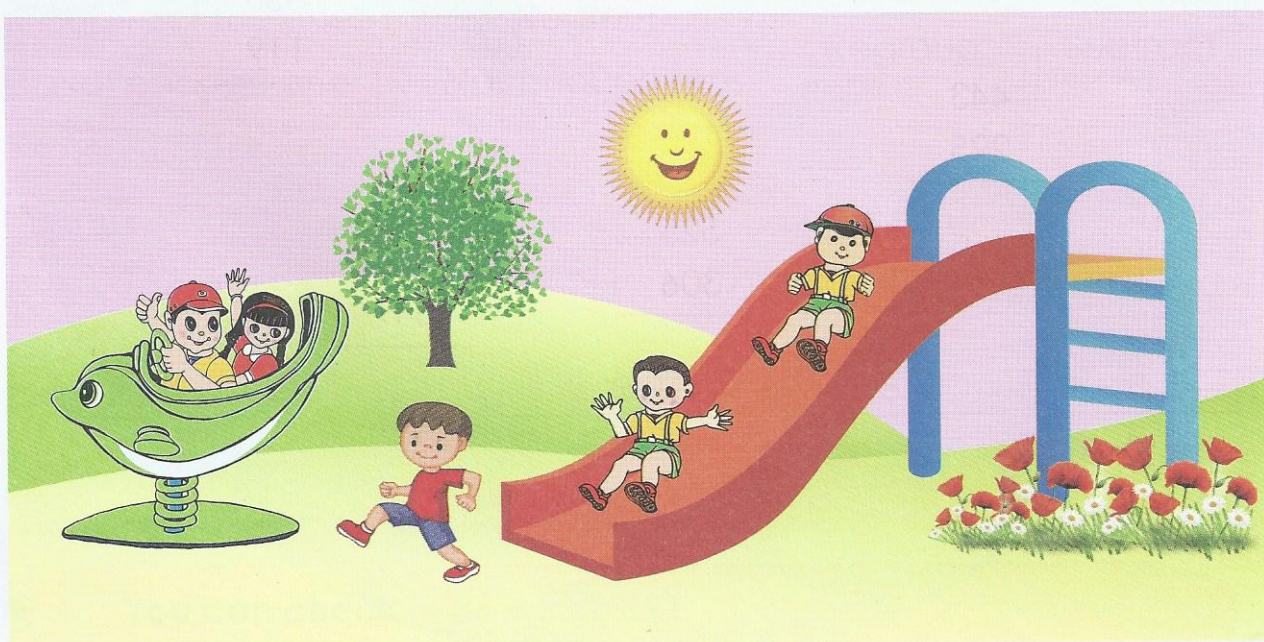
Let's try

1. Complete the table

Rule: subtract **314**

In
719
664
865
642
796
687
772

Out
405



2.

Nam has 264 marbles. Nam has 38 fewer marbles than Huy. How many marbles does Huy have?

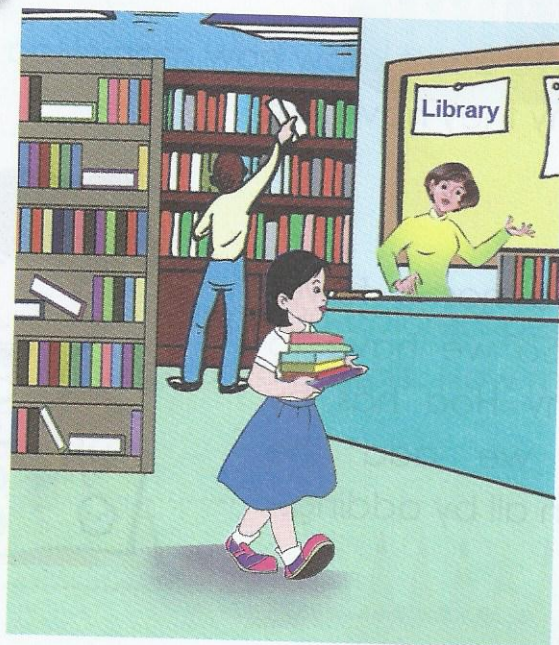
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Math in my world



The students in Nam's class donated 52 books to the library. Now the library has a total of 448 books. How many books did the library have at first?

.....

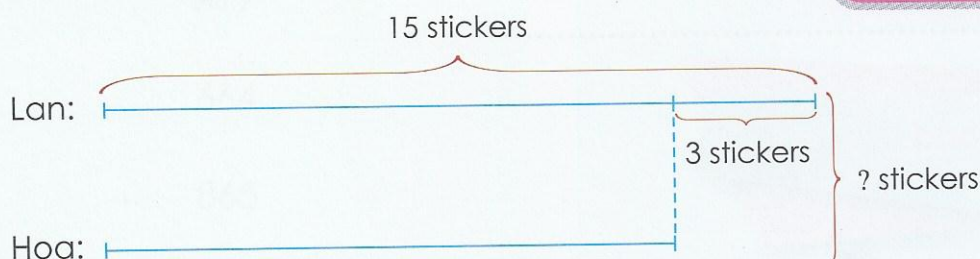
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Let's learn

Lan has 15 stickers. Hoa has 3 fewer.
How many stickers do they have in all?

Understand the problem



Lan has 15 stickers. We don't know how many Hoa has, and we have to find out how many they have in all.

Make a plan

We know that Hoa has 3 fewer stickers than Lan. So we have to find out how many Hoa has by subtracting. Then we add the number of stickers in all by adding.

Solve

$$15 - 3 = 12 \text{ (stickers)}$$

Hoa has 12 stickers.

$$15 + 12 = 27 \text{ (stickers)}$$

Lan and Hoa have 27 stickers in all.

Objectives

To know how to solve 2-step problems

Vocabulary

all, left, more than, less than, fewer than



Remember

1. Understand the problem.
- Find the hidden question.
2. Make a plan.
3. Solve/carry out the plan.
4. Look back.

Let's practice

1.

Tuan has 9 pencils. Trung has 2 more pencils than Tuan. How many pencils do they have in all?

.....

.....

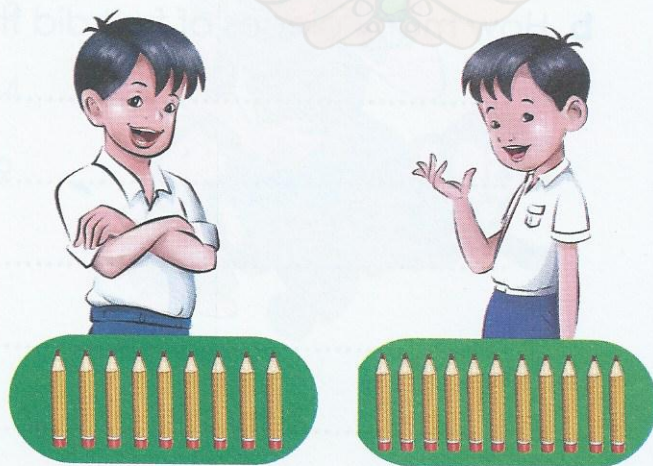
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2.

Hoang bought his brother, Huan 30 colored pencils. Huan gave his friend 8 and his teacher 3 colored pencils. How many colored pencils did Huan have left?

.....

.....

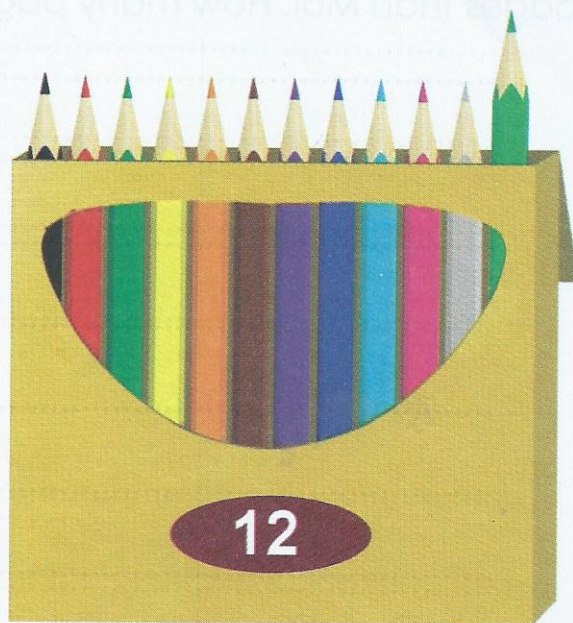
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Let's try

1.

A greengrocer packed 130 apples and 118 bananas.

- a. How many more apples did the greengrocer pack than bananas?
- b. How many pieces of fruit did the greengrocer pack in all?

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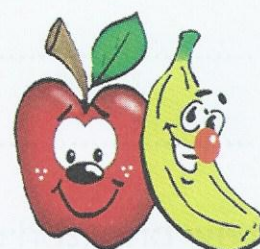
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2.

Last Monday, Mai read 143 pages of her book. Nam read 25 fewer pages than Mai. How many pages did they read in all?

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3.

Use the symbols $>$, $<$, $=$ to compare.

$$451 - 128 \dots\dots\dots < \dots\dots\dots 226 + 218$$

$$309 + 268 \dots\dots\dots 908 - 332$$

$$237 - 58 \dots\dots\dots 416 + 295$$

$$539 - 218 \dots\dots\dots 785 - 464$$

$$729 + 153 \dots\dots\dots 558 + 319$$



Math in my world

Lan had 7 dresses at first. Lan's mother bought her 3 new dresses. Lan donated her 2 old dresses to the orphanage. So now Lan has 1 fewer dress than her sister, Vy. How many dresses does Vy have?



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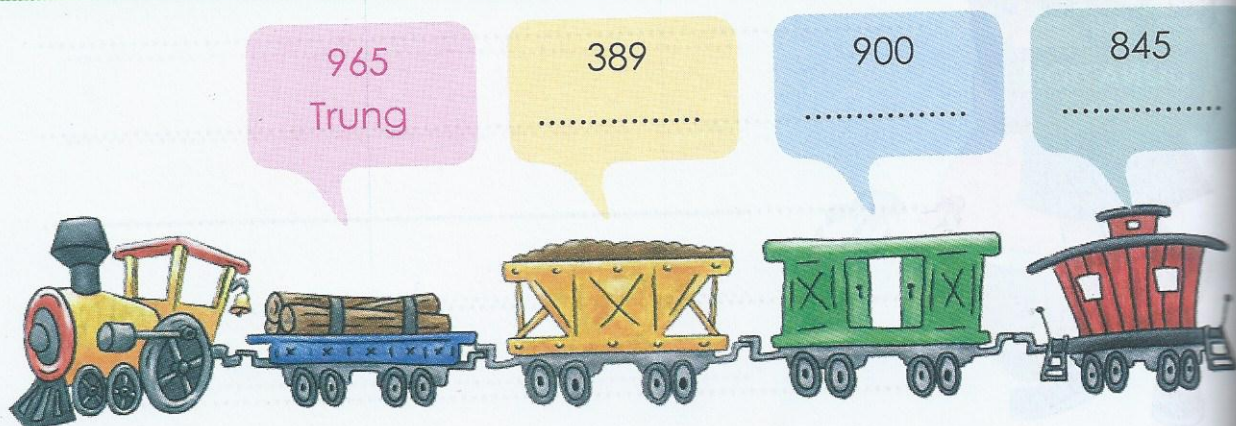
Review 1

1. Fill in the blank.

Number	Hundreds	Tens	Ones
892
.....	9	7	2
.....	2	4	0
8.....	6	3
.....36	4	6
....8.....	3	5

2. Add then write the name into the result box.

$670 + 230$	$238 + 151$	$672 + 293$	$486 + 359$
$\begin{array}{r} 670 \\ + 230 \\ \hline \end{array}$
.....
.....
Lan	Nam	Trung	Vy



3. Who is playing where? Subtract and match.

$$864 - 340$$

$$965 - 413$$

$$450 - 280$$

$$663 - 249$$

$$\begin{array}{r} 864 \\ - 340 \\ \hline \end{array}$$

.....

.....

.....

.....

.....

.....

.....

.....

.....



duckling

puppy

kitty

pony



552

170

414

524



4. Find x .

a. $x - 367 = 285$

.....

.....

b. $651 - x = 348$

.....

.....

c. $x + 673 = 810$

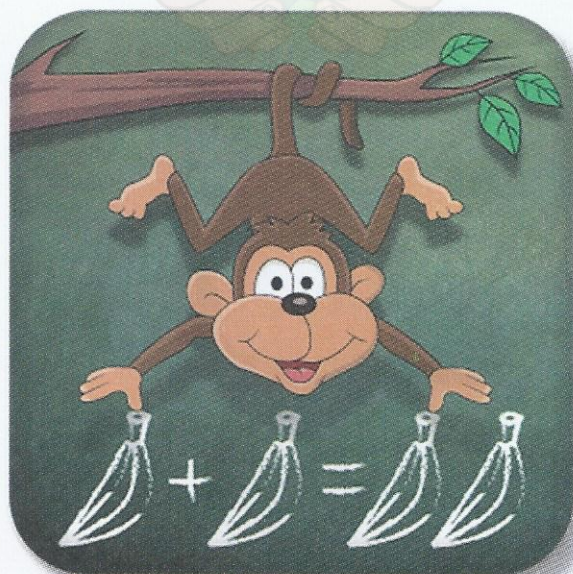
.....

.....

d. $298 + x = 536$

.....

.....



5. This input/ output table shows subtraction. Find the rule and write the correct number in the blank.

In	Out
175	0
319	144
820	645
385

Rule: -

6. This input/output table shows addition. Find the rule and write the correct number in the blank.

In	Out
215	300
410	495
673	758
100

Rule: +

7. On a school trip, 62 people visited the zoo. There were 42 children and 5 teachers, the rest were parents. How many parents were there?

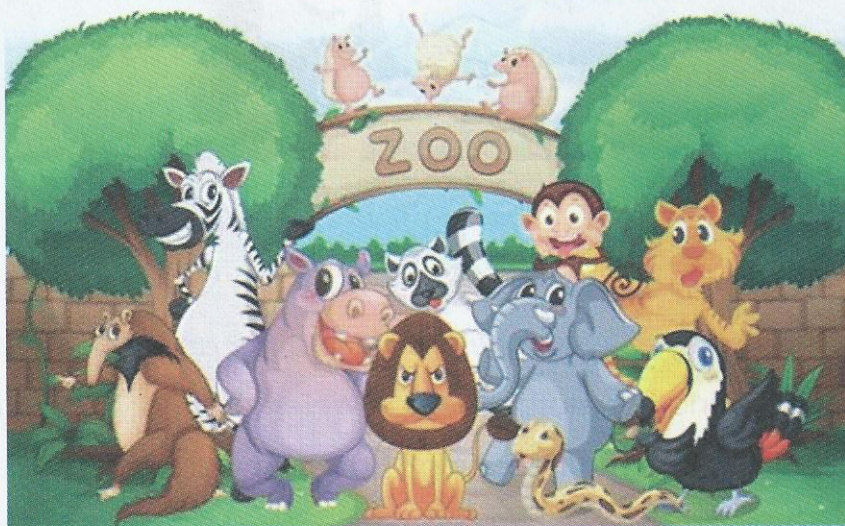
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MEASURING TIME,
CAPACITY AND MASS

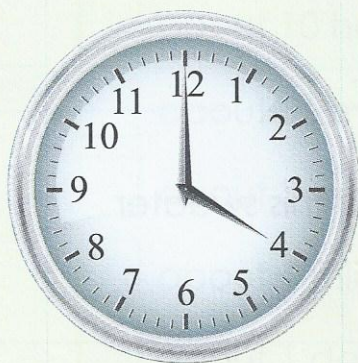
What is Nam doing? Can you help Nam find the answer?

What are Xuan and her mother doing? Which one do you prefer?

What are Lan and her mother doing? How many durians do you want?

Let's learn

Look at the pictures and answer the questions.



Objectives

To know how to use time units every day

Vocabulary

year, month, week, day, hour, minute, second

Can you tell more about time? Do you know anything else?

To estimate time, we use units of time.

Units of time

1 minute	= 60 seconds
1 hour	= 60 minutes
1 day	= 24 hours
1 week	= 7 days
1 year	= 12 months
1 year	= 365 days
1 leap year	= 366 days



Let's practice

Fill in the blank with the suitable unit of time.

1. The gold medal swimmer
broke the world record by two
.....



2. The scientist spent five
in his lab today.



3. My mother knitted this sweater
in two



4. The pasta can be cooked
within five.....



5. Each child usually spends three
..... at kindergarten.



6. Each half of a football game is
45


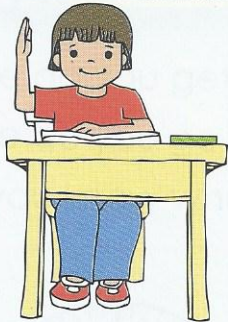



7. Students go to school five days
a



Let's try

1. Estimate how long each activity takes and mark your estimate.

	<input type="checkbox"/> about 2 seconds <input type="checkbox"/> about 2 days <input type="checkbox"/> about 10 minutes <input type="checkbox"/> about 10 hours
	<input type="checkbox"/> about 35 minutes <input type="checkbox"/> about 3 minutes <input type="checkbox"/> about 1 minute <input type="checkbox"/> about 1 day
	<input type="checkbox"/> about 1 minute <input type="checkbox"/> about 1 day <input type="checkbox"/> about 2 hours <input type="checkbox"/> about 2 days

2. Circle the best answer.

a. How long does it take to watch a play?

2 hours

2 days

2 years

b. How long does it take to write a book?

4 minutes

4 hours

4 months

c. How long does it take to travel around Ho Chi Minh City?

11 hours

11 days

11 weeks

d. How long does it take for a pearl to form inside the oyster?

6 minutes

6 weeks

6 years



3. Fill in the blank.

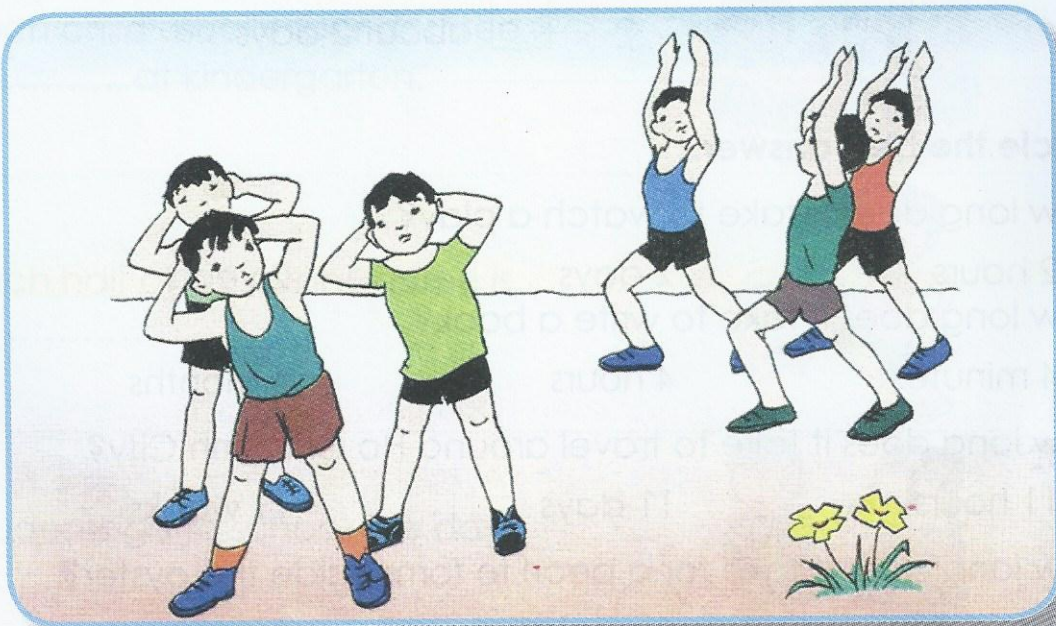
- a. It takes to brush my teeth.
- b. It takes to cook a meal.
- c. It takes to lose weight.
- d. It takes to draw a beautiful picture.



Math in my world

Do you know?

- The heartbeat at school-aged children is 70 – 100 beats per
- The Earth goes around the Sun 365 a
- You have to sleep enough 8 a day to be healthy.



Let's learn

**Objectives**

To know how to tell the time every 5 minutes

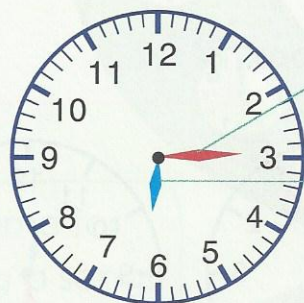
Vocabulary

hour hand,
minute hand

What time do you get up?

What time do you go to school?

How do you know what time it is?



What time is it?



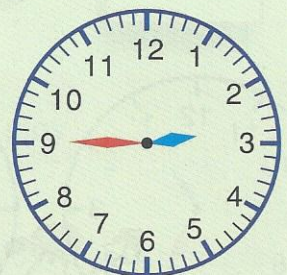
6 : 15
six fifteen

What time is it?

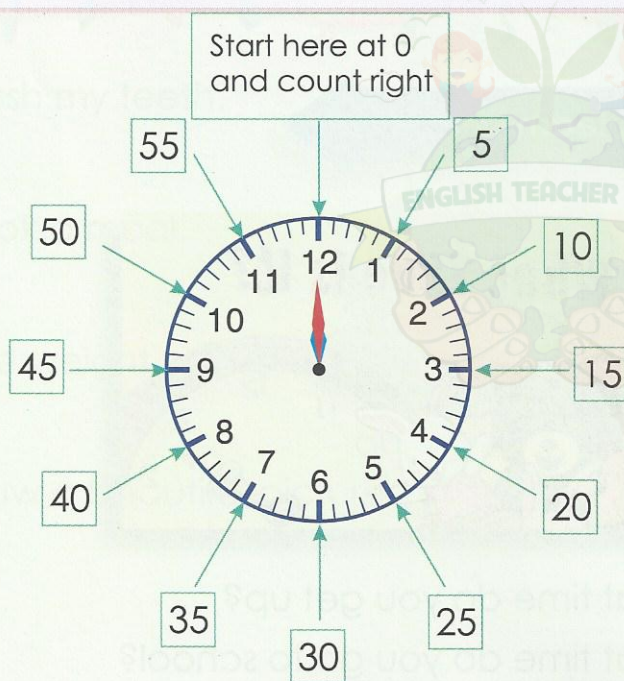


3 : 30
three thirty

What time is it?

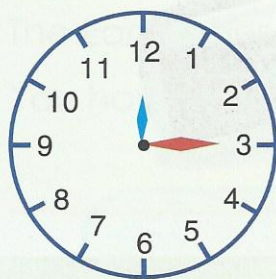


2 : 45
two forty-five

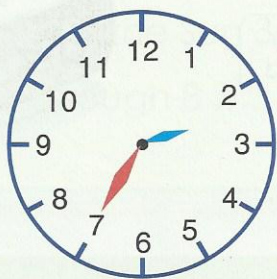


Let's practice

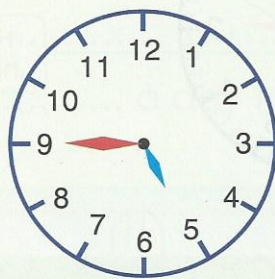
Could you tell the time? Write the time in the box.



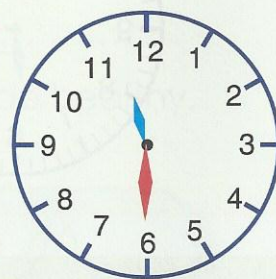
12:15



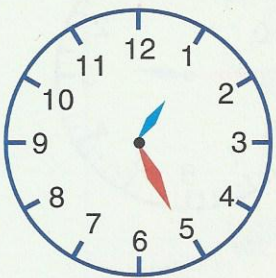
:



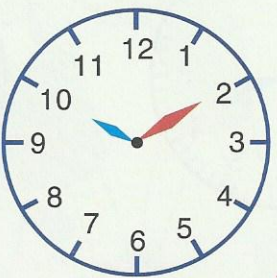
:



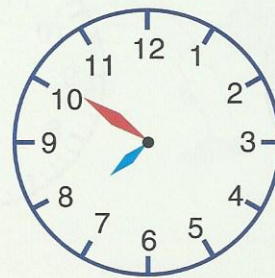
:



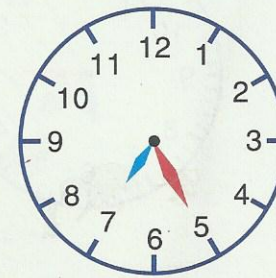
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Let's try

1. Take a dice and play together.

Time games

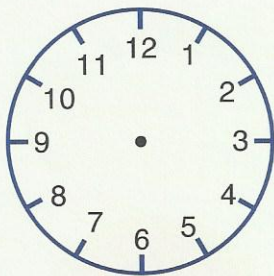


How to play

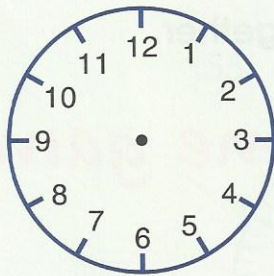
- Toss the dice.
- Use your token.
- If you get 4 points, you move 4 steps and tell the time.
- If you get a "It's time for singing a song!", you have to sing.



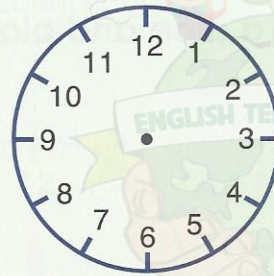
2. Where are the hands? Draw the hour hand and the minute hand.



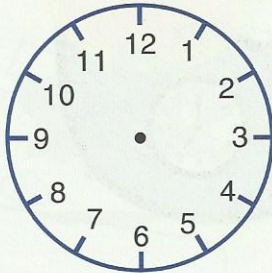
3 : 15



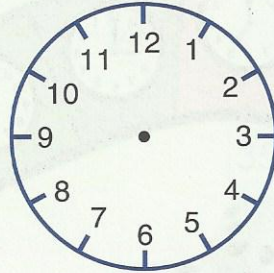
6 : 30



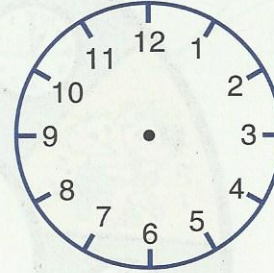
5 : 45



1 : 35



11 : 45



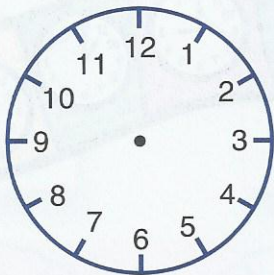
1 : 15

Math in my world

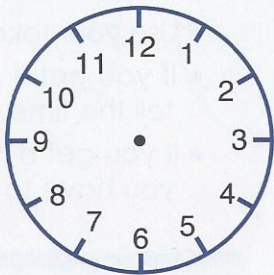
Read and draw the hour hand and the minute hand.



I have lunch
at twelve
o'clock.



I have dinner
at seven
o'clock.



Let's learn

You go to the supermarket to buy some milk, juice or water.

What do you choose?

1 L, 750 mL, 500 mL or 250 mL?

What are these?

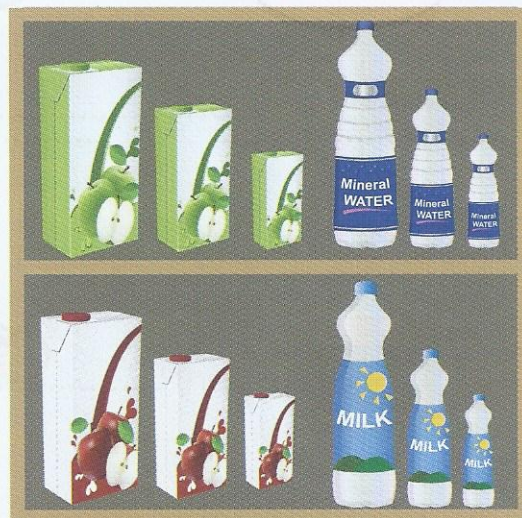
1 L, 750 mL, 500 mL, 250 mL,... tell us about the capacity of a thing.

Objectives

To know how to use capacity units every day

Vocabulary

liter, milliliter



You can use the following benchmarks to estimate capacity.

1 milliliter
eyedropper



1 liter
large water bottle



Metric Units of Capacity

liter (L)

milliliter (mL)

$$1 \text{ L} = 1000 \text{ mL}$$



Let's practice

1. Write the numbers 1, 2 and 3 to order the objects from the smallest capacity to the greatest capacity.

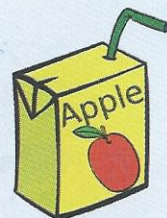
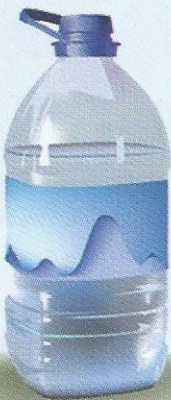
a.



b.





2. Write the correct capacity unit.







Let's try



1. Write the words "more than" or "less than" in each sentence.



The  tub holds **more than** the  tray

The  bottle holds the  cup

The  cup holds the  tray







The  tin holds the  box

The  bowl holds the  dish







The  box holds the  tub

2. Compare the capacity and fill in the box with appropriate symbol $<$ $>$ or $=$ in each problem.

a.

b.

Math in my world

Mai is making chicken soup. She needs water. She asks Nam to get her 2 liters of water by a 500 mL bottle. Can you help Nam to get enough water for Mai?

.....

.....

.....

.....



Let's learn

- Guess:

How heavy is the girl?

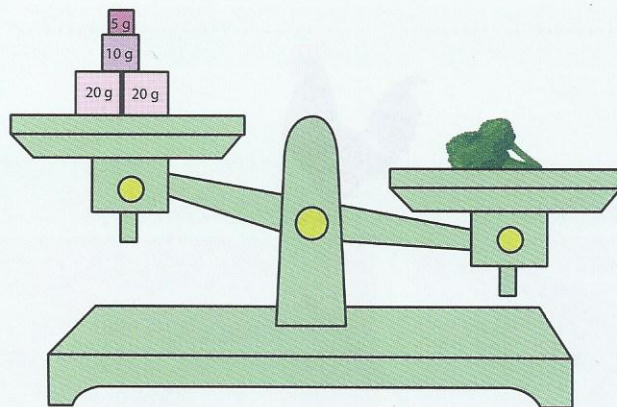
How heavy is the piece of vegetable?

Objectives

To know how to use mass units every day

Vocabulary

kilogram, gram



- You can use grams (g) to measure the mass of light things.
- You can use kilograms (kg) to measure the mass of heavier things.

Metric Units of Mass

gram (g)

kilogram (kg)





$$1\text{ kg} = 1000\text{ g}$$








Let's practice

1. Choose a unit to measure the mass of the things below and write.

a.	b.	c.	d.
			
.....

2. Circle the estimated mass of each object.

a.		<div>2 kg</div> <div>50 g</div>
b.		<div>20 g</div> <div>2 kg</div>
c.		<div>15 kg</div> <div>150 g</div>
d.		<div>300 g</div> <div>200 kg</div>
e.		<div>200 g</div> <div>2 kg</div>

Let's try

1. Compare mass.

Write the number **1**, **2** and **3** to order the animals from the lightest to the heaviest.

a.

sparrow



.....

swan



.....

gaur



.....

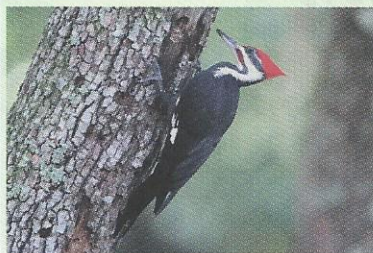
b.

whale



.....

woodpecker



.....

dragonfly



.....

c.

hippo



.....

lizard



.....

eagle

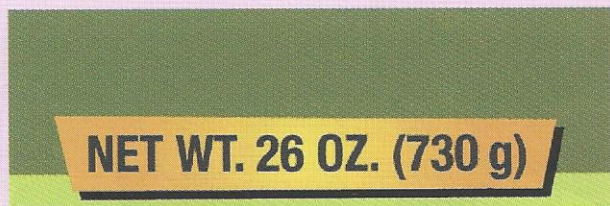


.....



2. Find the mass on the packaging and write.

a.



.....

b.



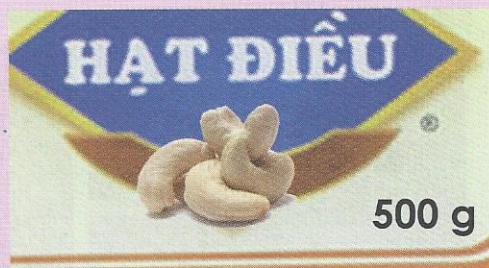
.....

c.



.....

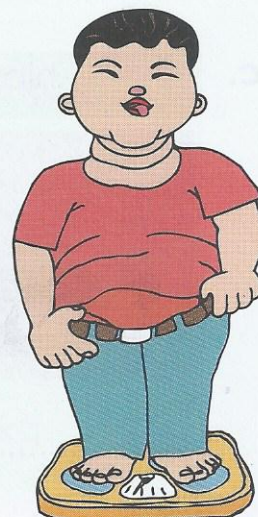
d.



.....

Math in my world

- Guess and write the mass of the boy.
- Why do you gain weight?
- What should you eat to be healthy?

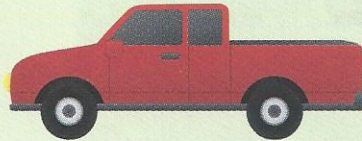


Review 2

1. Capacity.

Write the numbers **1**, **2** and **3** to order the things that can hold from the least to the most.

a.



b.



c.





2. Mass.

Estimate the mass of each object. Circle the best estimate.

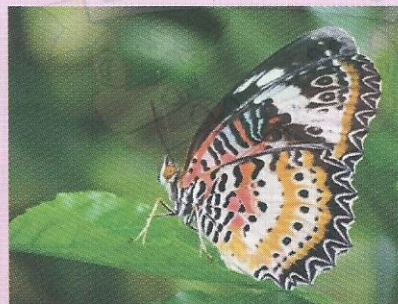
a.



20 kg

40 g

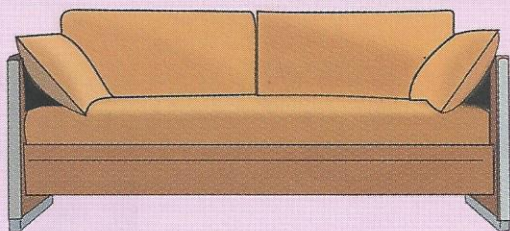
b.



3 kg

3 g

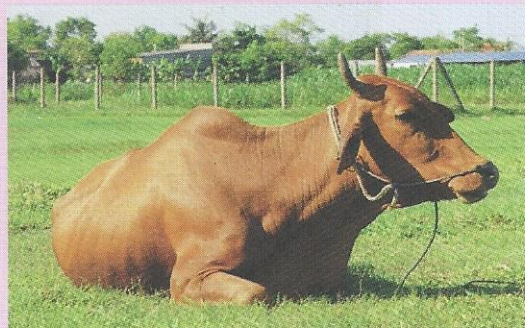
c.



80 kg

150 g

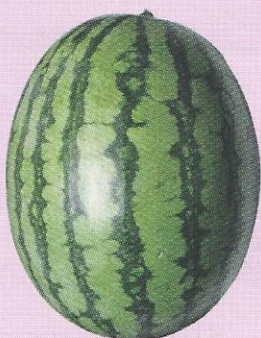
d.



12 kg

120 kg

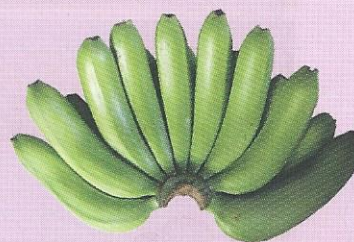
e.



80 g

8 kg

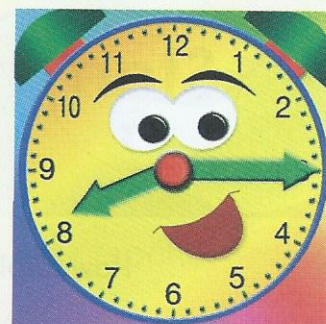
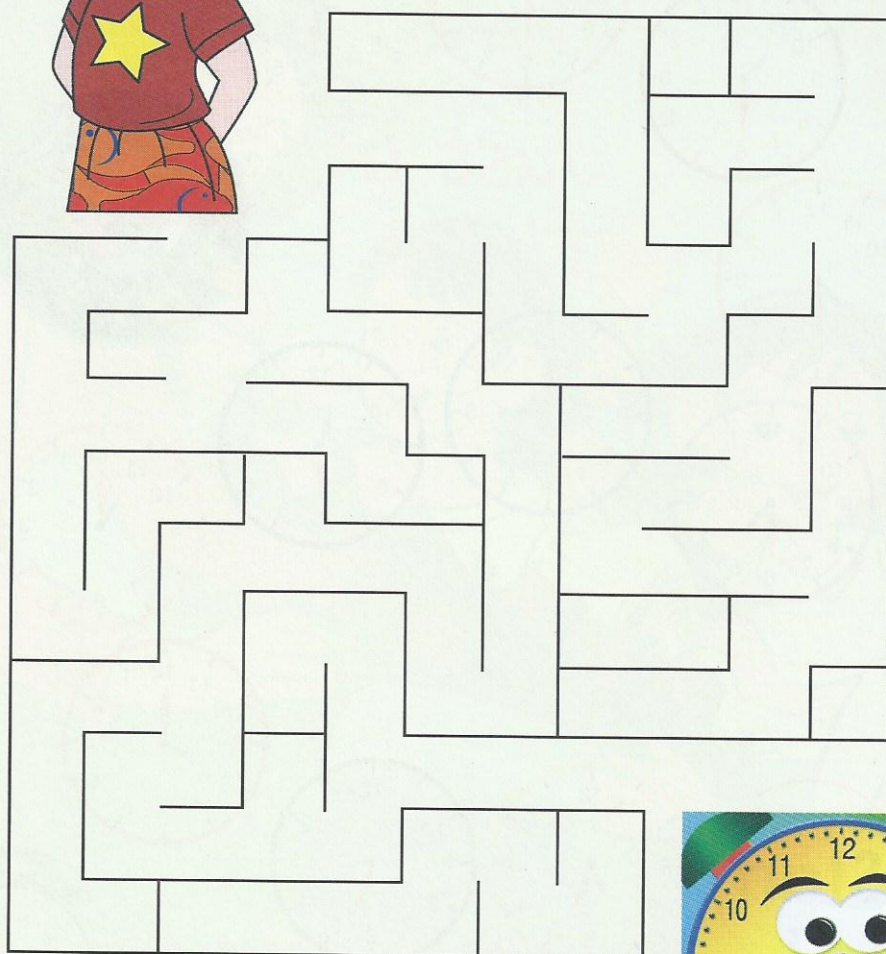
f.



20 g

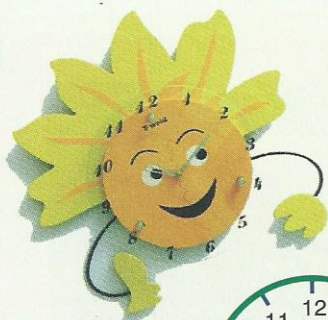
2 kg

3. Help Lan find the clock and tell her what time it is.





4. Dice game.



End

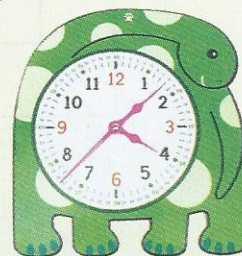
Just In
Time!



Start

How to play

- Toss the dice. Use your token.
- If you get 1 point, you move 1 step and tell the time.
- If you have a wrong answer, you'll lose your turn.



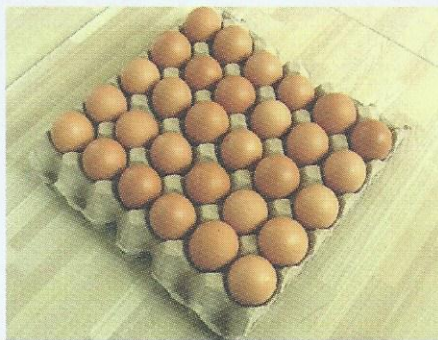


On Teachers' Day, each of these 3 students gave their teacher 5 roses.

- What color are the roses?
- How many roses are there?
- How many ways can you use to find out the number of roses?

Let's learn

How many eggs are there?



Objectives

To know the meaning of multiplication

Vocabulary

factor, product, same as

Solve problem

You can count the number of eggs.

Let's count ...

There are 30 eggs.

Think

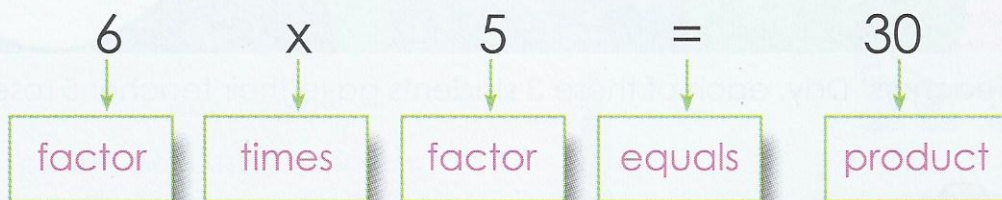
There are 6 eggs each row.

There are 5 rows.

So we can find the number of eggs by multiplication. We write the multiplication sentence:

$$6 \times 5 = 30 \text{ (eggs).}$$

Let's find out



Read: six times five equals thirty.

Remember: If one factor is zero, the product will be zero.

Let's practice

1. Fill in the box with the suitable factors.

- a. $4 + 4 + 4 + 4 + 4 + 4 + 4$ is the same as 4×7
- b. $5 + 5 + 5$ is the same as $\quad \times \quad$
- c. $3 + 3 + 3 + 3 + 3 + 3$ is the same as $\quad \times \quad$
- d. $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7$ is the same as $\quad \times \quad$
- e. $9 + 9$ is the same as $\quad \times \quad$

2. Shade the correct number of blank spaces and write.

- a. $2 \times 4 =$

2	2	2	2	2	2
---	---	---	---	---	---

 $= 2 + 2 + 2 + 2$
- b. $3 \times 5 =$

3	3	3	3	3	3
---	---	---	---	---	---

 $=$
- c. $5 \times 2 =$

5	5	5	5	5	5
---	---	---	---	---	---

 $=$
- d. $10 \times 3 =$

10	10	10	10	10	10
----	----	----	----	----	----

 $=$
- e. $8 \times 1 =$

8	8	8	8	8	8
---	---	---	---	---	---

 $=$
- g. $4 \times 5 =$

4	4	4	4	4	4
---	---	---	---	---	---

 $=$
- h. $3 \times 3 =$

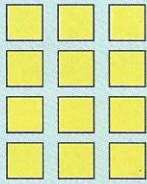
3	3	3	3	3	3
---	---	---	---	---	---

 $=$

Let's try

1. Write the suitable multiplication sentence.

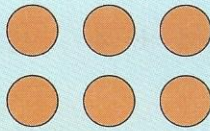
Example:



$$3 \times 4 = 12$$

$$4 \times 3 = 12$$

a.



.....

.....

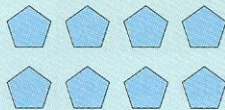
b.



.....

.....

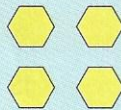
c.



.....

.....

d.



.....

.....

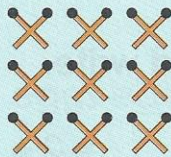
e.



.....

.....

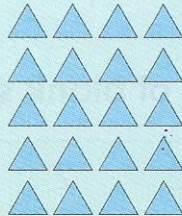
f.



.....

.....

g.



.....

.....

h.



.....

.....

2.

Huong went to the zoo. She saw 3 butterflies on each of 4 branches. How many butterflies did she see?

.....

.....

.....



3.

Nam and Lan were playing in the garden. They found 5 ladybirds on each of 3 trees. How many ladybirds did they find?

.....

.....

.....

.....



Math in my world



Rearrange the formation by the way you like.

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Unit 10 Problem Solving

Let's learn

The students are studying science. They have formed 5 teams. Each team has 8 students. How many students are there in the class?



Objectives

To know how to solve the problem by using multiplication

Vocabulary

three times,
as many ... as

Analyze

What do I have?

What do I have to find out?

There are 5 teams. Each team has 8 students. That means 5 teams have the same number of students.

How many students are there in the class?

Think

What should I do?

Why do they give me this?

I draw a chart.

I could multiply the number of each team's students by the team number.

Try

I try my plan.

$$8 \times 5 = 40 \text{ (students)}$$

Check

Does the answer make sense?

There are 40 students in the class. I can check by adding:

$$8 + 8 + 8 + 8 + 8 = 40$$

Extend

What have I learned?

I think and try a plan. I use multiplication to solve the groups of the same size. I can check by adding, using chart ...

Let's practice

1.

Lan buys 3 sunflowers every day. How many sunflowers does she buy in a week?

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.....

.....



2.

Every kitty has four legs. How many legs do eight kitties have?

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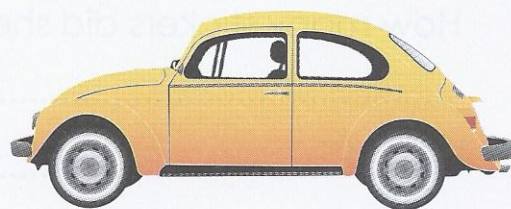
3.

How many wheels do 7 cars have?

.....

.....

.....



4.

Lan, Mai and Nam picked apples in the garden. Each of them picked 9 apples. How many apples did they have in all?

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.....





Let's try

1.

Minh has 9 pens. Bao has three times as many pens as Minh. How many more pens does Bao have than Minh?

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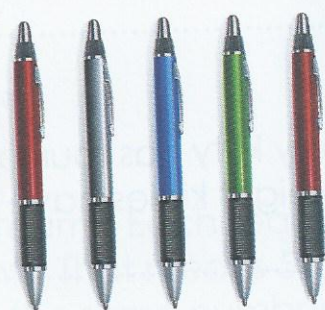
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2.

After giving 4 stickers to each of her 9 friends, Lan had 87 stickers left.

How many stickers did she have at first?

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3. Find the product.

a.

$3 \times 5 = 15$

$4 \times 6 =$

$5 \times 7 =$

$6 \times 3 =$

b.

$7 \times 5 =$

$7 \times 2 =$

$8 \times 3 =$

$9 \times 5 =$

Math in my world

How many cubes are there in a rubik?
Use multiplication to count.

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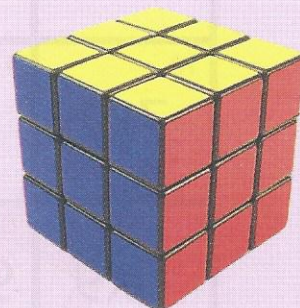
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Review 3

1. Multiply and slide.

Each group needs a token and a dice.

How to play

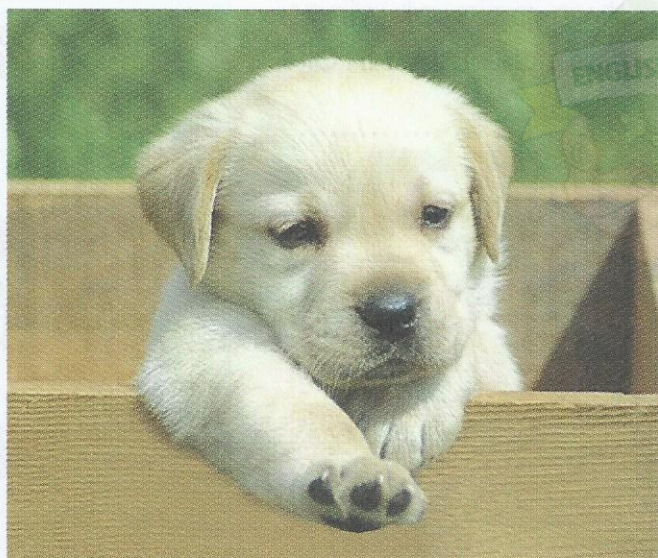
- Toss a dice and move your token as many blocks it shows.
- Climb up the ladders/ Slide down the slides.



ENGLISH TEACHER CLUB

END	28 7x5	27 5x5	26 5x8	25 8x7
20 5x4	21 5x6	22 7x3	23 0x5	24 9x5
19 8x8	18 8x9	17 8x4	16 5x2	15 10x5
10 7x7	11 5x9	12 3x5	13 6x6	14 4x9
9 6x9	8 9x1	7 9x8	6 4x7	5 9x6
START	1 8x1	2 8x6	3 8x3	4 9x3

2. Solve the puzzle.



2	x		=	6		x	5	=	15
				x	x				
	x	1	=		8	x	4	=	
				=	=				
		x	6	=					

3. Multiply.

a. $8 \times 9 = \dots\dots$

b. $7 \times 2 = \dots\dots$

c. $9 \times 2 = \dots\dots$

d. $8 \times 7 = \dots\dots$

e. $3 \times 8 = \dots\dots$

f. $8 \times 6 = \dots\dots$

g. $7 \times 7 = \dots\dots$

h. $9 \times 1 = \dots\dots$



4.

There are three butterflies on a leaf.
Each butterfly has two pairs of wings,
how many pairs of wings are there in all?

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5.

There are three groups of strawberries. Each group has five strawberries.
How many strawberries are there in all?

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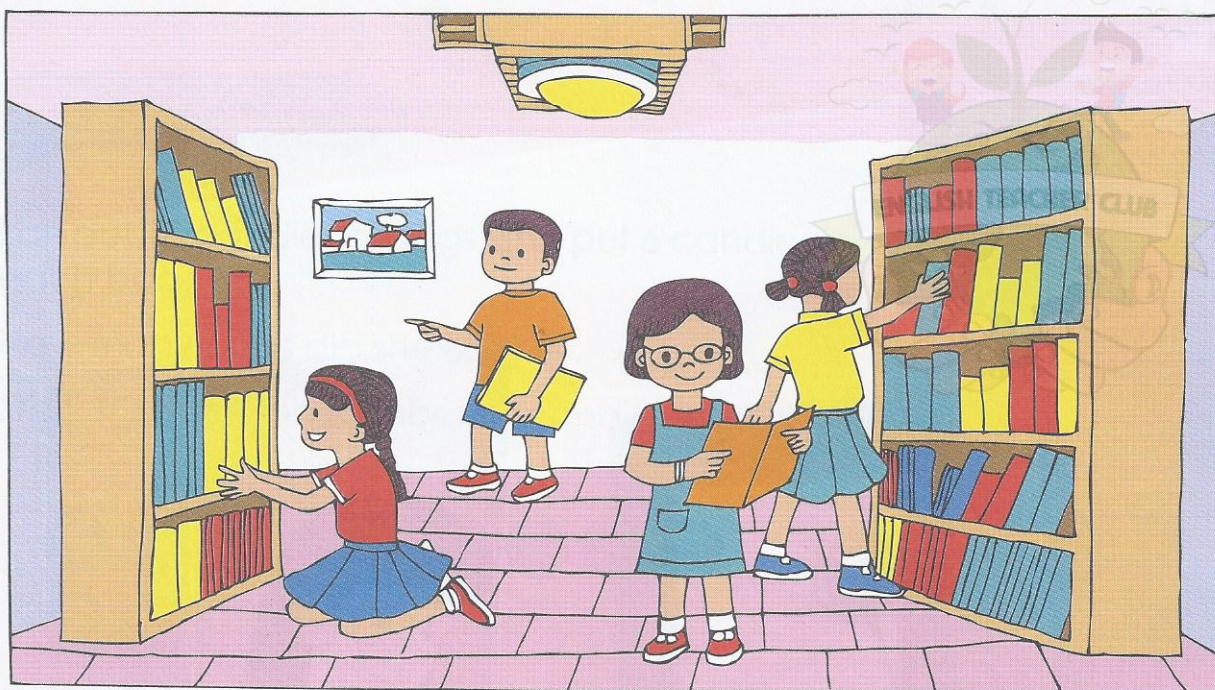
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6.

There are 10 boys at the library. If there are 5 times as many girls as boys, how many children are there at the library?

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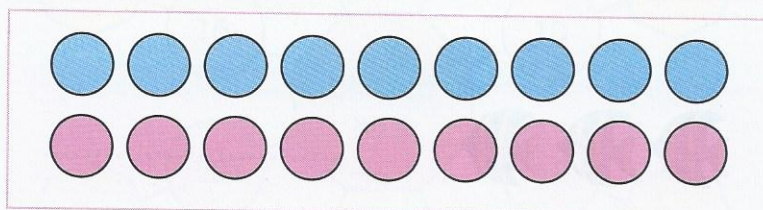
- Do you like cupcakes?
- What is the mother doing?
- How many cupcakes does each of children have?

Let's learn

Lan put 18 candies in bags. She put 6 candies in each bag.

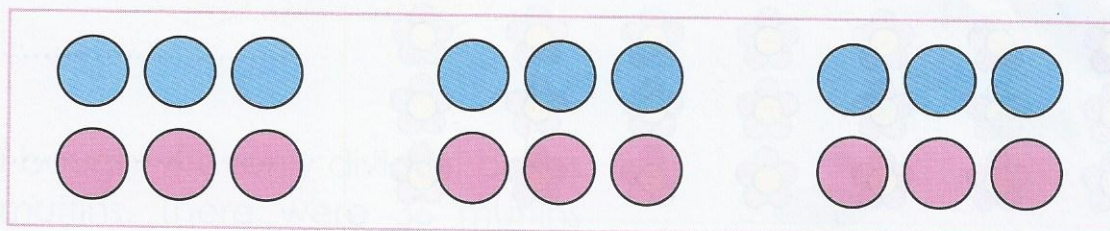
How many bags did she use?

Step 1. Model the number of candies in all.

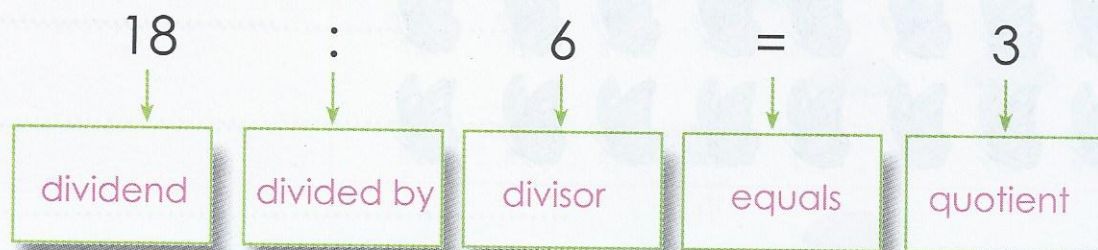


Step 2. Model the number of candies in three groups.

How many bags did she use?



Compare the division sentence below to your model.



Read: eighteen divided by six equals three.

You can check: $6 \times 3 = 18$.



Let's practice

Write the division sentence.

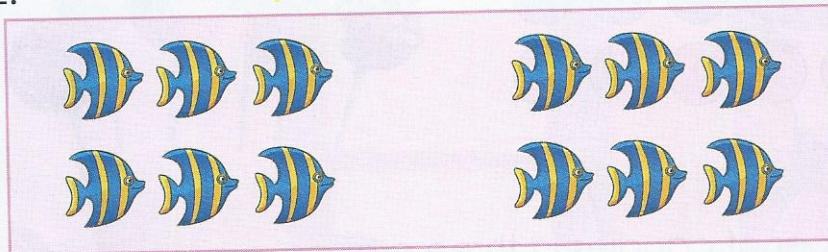
1.



$$8 : 4 = 2$$

$$8 : 2 = 4$$

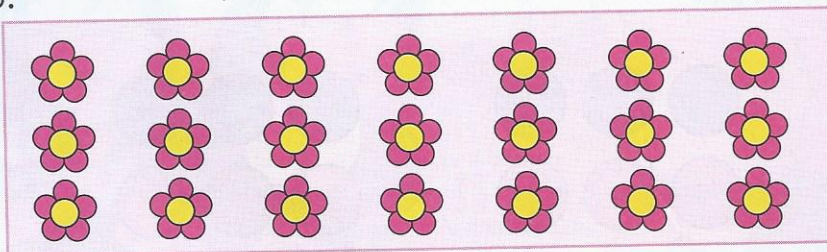
2.



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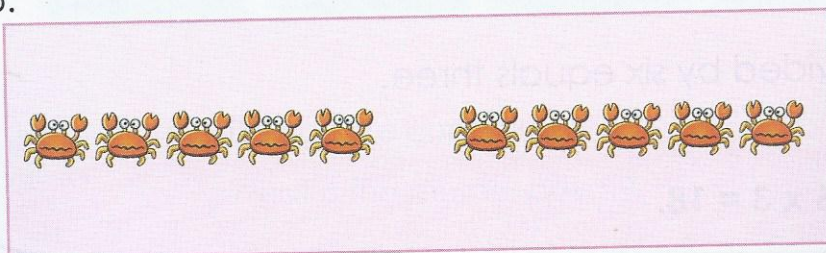
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5.



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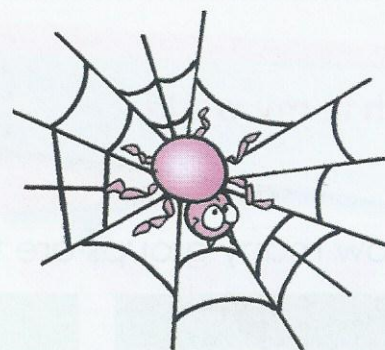
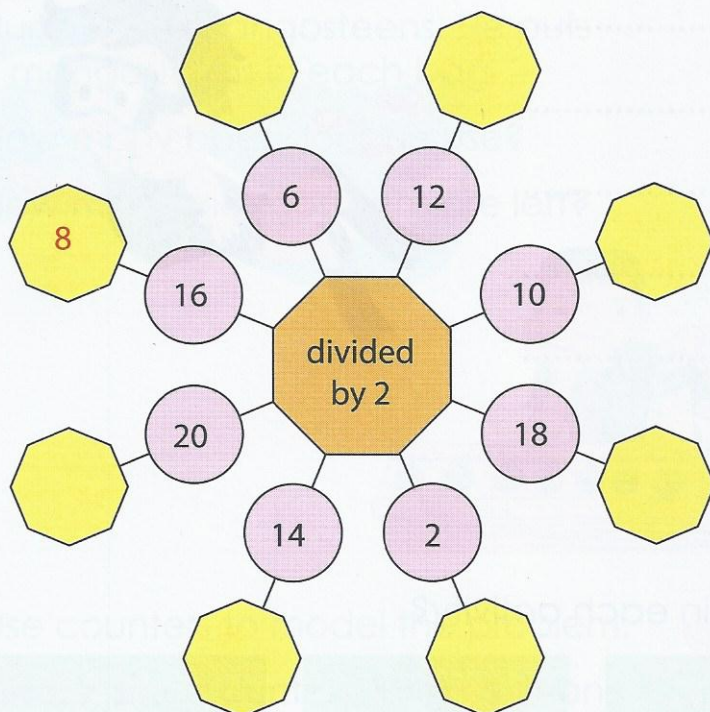
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ENGLISH TEACHER CLUB

Let's try

1. Look, read and write.



2.

Mai bought 4 evenly divided boxes of muffins. There were 36 muffins altogether. How many muffins were there in each box?

.....

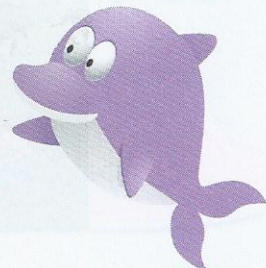
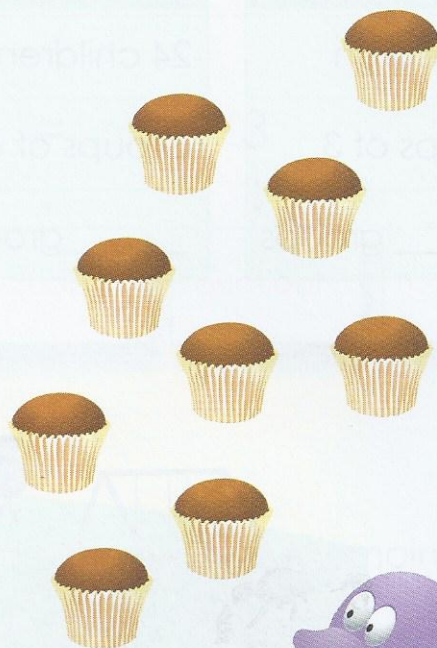
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3.

A pet store has 24 tropical fish. They keep three fish in each tank. How many fish tanks are there?

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Math in my world

How many groups are there in each activity?

1	2	3	4
Singing	Water playing	Sand playing	Painting
30 children	24 children	16 children	20 people
Groups of 3	Groups of 6	Groups of 4	Groups of 10
_____ groups	_____ groups	_____ groups	_____ groups



Let's learn

Hung has 7 mangosteens. He puts 2 mangosteens in each bag.

How many bags does he use?

How many mangosteens are left?



Objectives

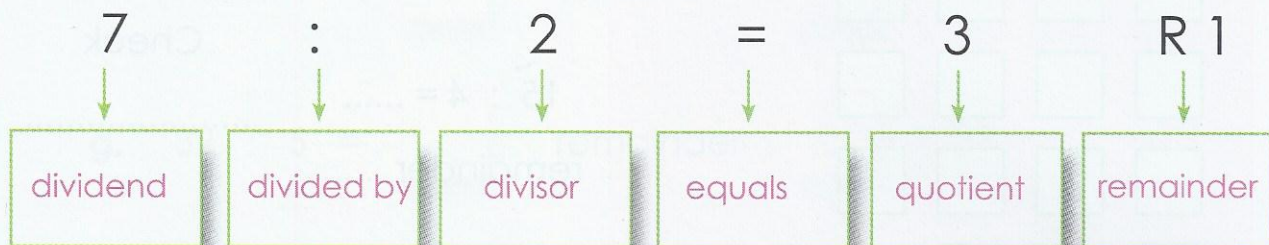
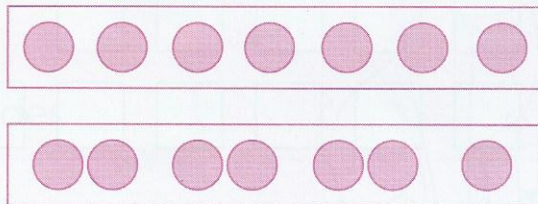
To know the remainder of division

Vocabulary

remainder

Use counters to model the problem.

Divide the counters into as many equal groups of 2 as you can. The number of objects left over is called the **remainder**.



So, we have the division sentence.

$$7 : 2 = 3 \text{ R } 1$$

We can check the division by multiplying, then add the remainder:

$$3 \times 2 + 1 = 7.$$



Remember: The remainder is never larger than the divisor.



Let's practice



Fill in the blank and check.

1.

<div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div>	$10 : 3 = \dots\dots 3$ remainder $\dots\dots 1$	Check $3 \times 3 + 1 = 10$
---	---	--------------------------------

2.

<div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div>	$21 : 8 = \dots\dots$ remainder $\dots\dots$	Check $\dots\dots\dots$
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3.

<div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div>	$15 : 4 = \dots\dots$ remainder $\dots\dots$	Check $\dots\dots\dots$
--	---	----------------------------

4.

<div><div></div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div>	$13 : 9 = \dots\dots$ remainder $\dots\dots$	Check $\dots\dots\dots$
--	---	----------------------------

Let's try

1. Find the quotient and the remainder.

a. $13 : 5 =$ remainder

b. $24 : 5 =$ remainder

c. $7 : 5 =$ remainder

d. $36 : 5 =$ remainder

e. $43 : 5 =$ remainder

f. $21 : 5 =$ remainder

g. $32 : 5 =$ remainder

h. $44 : 5 =$ remainder

i. $17 : 5 =$ remainder

j. $23 : 5 =$ remainder

ENGLISH TEACHER CLUB





2.

Hoa sold her stamps to 4 people. Each person bought 3 stamps. She had 3 stamps left over. How many stamps did she have at first?

.....

.....

.....

Math in my world

Your class has 41 students. All of you have to do a science project in groups. How do you make groups to finish the project? (The number of students in each group doesn't need to be the same).



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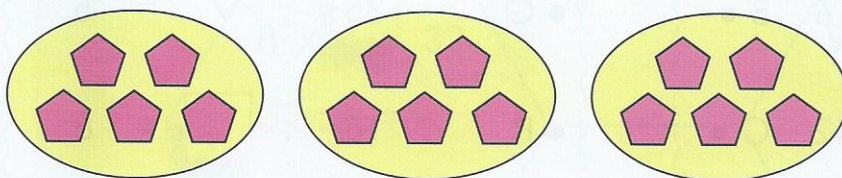
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Let's learn

- Look at the model. What do you think?



Objectives

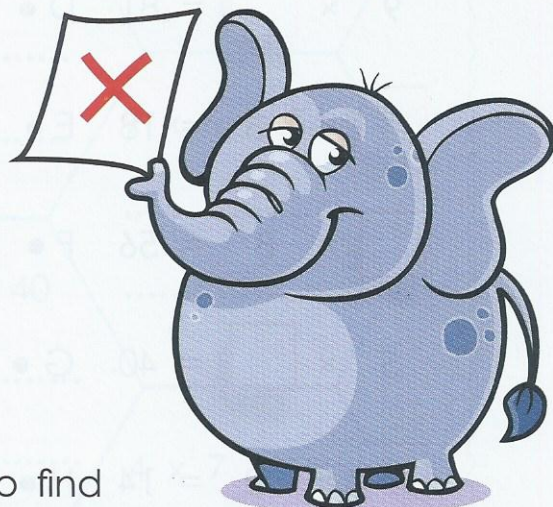
To know the relating multiplication and division

Vocabulary

Related facts

So there are **four related facts**:

- $3 \times 5 = 15$
- $5 \times 3 = 15$
- $15 : 3 = 5$
- $15 : 5 = 3$



You can use a multiplication table to find out the relating multiplication and division.

Example: $6 : 3 = ?$

Searching around the multiplication table, we find that 6 is 2 times 3, so 6 divided by 2 must be 3.

Answer: $6 : 3 = 2$

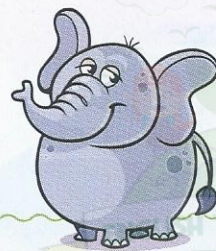
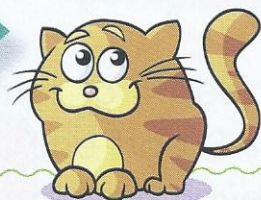
$$2 \times 3 = 6$$

X	0	1	2	3
0	0	0	0	0
1	0	1	2	3
2	0	2	4	6
3	0	3	6	9
4	0	4	8	12



Let's practice

Match.



5 × = 35 A •

8 × = 16 B •

× 7 = 42 C •

9 × = 81 D •

× 3 = 18 E •

× 8 = 56 F •

5 × = 40 G •

× 2 = 14 H •

9 × = 27 I •

5 × = 20 J •

5 × = 50 K •

4 × = 28 L •

× 6 = 36 M •

• N 81 : 9 =

• O : 7 = 5

• P 16 : = 8

• Q : 6 = 3

• R 42 : 7 =

• S 56 : = 8

• T : 7 = 2

• U : 5 = 4

• V 36 : = 6

• W : 7 = 4

• X : 5 = 10

• Y 40 : 5 =

• Z : 3 = 9



Let's try

1. Write division sentences.



ENGLISH TEACHER CLUB

$$8 \times 4 = 32$$

$$32 : 4 = 8$$

$$32 : 8 = 4$$

$$9 \times 5 = 45$$

.....

.....

$$7 \times 6 = 42$$

.....

.....

$$10 \times 5 = 50$$

.....

.....

$$9 \times 6 = 54$$

.....

.....

$$8 \times 5 = 40$$

.....

.....

$$4 \times 7 = 28$$

.....

.....

$$3 \times 8 = 24$$

.....

.....





2. Fill in the blank.

If $7 \times 5 = 35$, then : 7 = 5

If $3 \times 2 = 6$, then $6 : 2 =$

If $30 : 3 = 10$, then $10 \times 3 =$

If $18 : 2 = 9$, then $\times 2 = 18$



Math in my world

Lan bought 3 boxes of colored pencils. There are 6 colored pencils in each box. Lan's group has 9 members. She gave an equal number of colored pencils to each person in her group. How many colored pencils did she give to each person?

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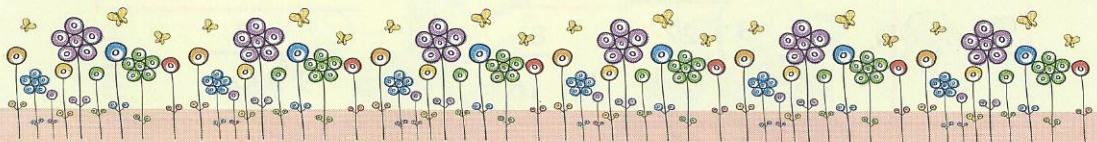
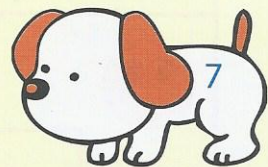
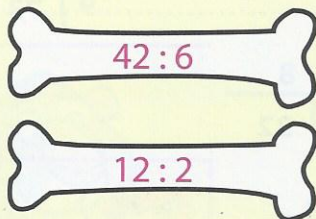
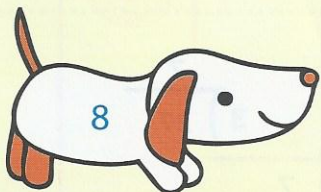
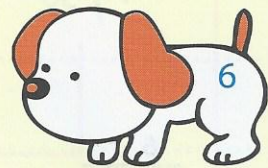
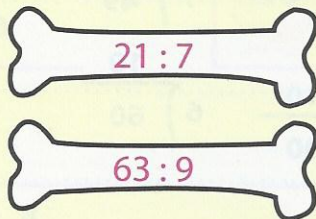
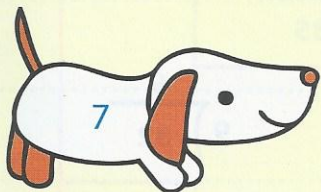
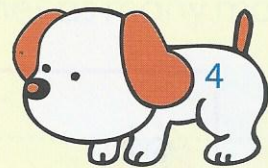
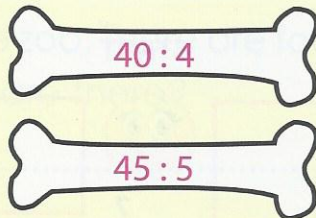
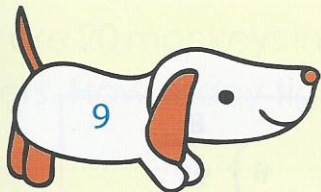
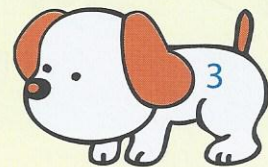
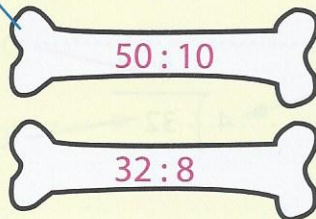
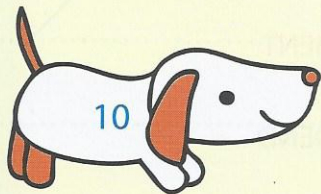
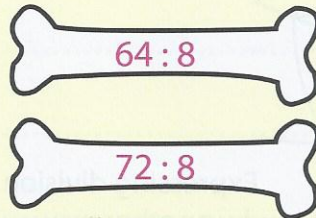
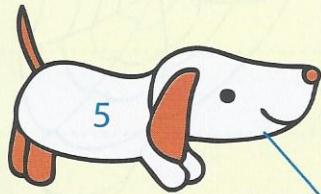
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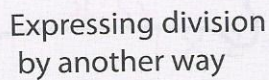
Review 4

1. Match to help the dogs get the bones.





Find the way to get out of the maze by solving the division problems.



START

$$\begin{array}{r} 8 \\ 7 \overline{) 56} \end{array}$$





$$\begin{array}{r} 7 \\ 7 \overline{) 49} \end{array}$$

$$\begin{array}{r} 10 \\ 6 \overline{) 60} \end{array}$$

$$\begin{array}{r} 8 \\ 8 \overline{) 91} \end{array}$$

$$\begin{array}{r} 5 \\ 6 \overline{) 35} \end{array}$$

$$\begin{array}{r} 9 \\ 9 \overline{) 82} \end{array}$$

$$\begin{array}{r} 6 \\ 8 \overline{) 48} \end{array}$$

$$\begin{array}{r} 8 \\ 5 \overline{) 40} \end{array}$$

$$\begin{array}{r} 8 \\ 9 \overline{) 73} \end{array}$$





$$\begin{array}{r} 8 \\ 4 \overline{) 32} \end{array}$$

$$\begin{array}{r} 7 \\ 3 \overline{) 27} \end{array}$$



$$\begin{array}{r} 7 \\ 4 \overline{) 24} \end{array}$$

$$\begin{array}{r} 9 \\ 3 \overline{) 27} \end{array}$$

$$\begin{array}{r} 8 \\ 2 \overline{) 16} \end{array}$$

$$\begin{array}{r} 6 \\ 9 \overline{) 54} \end{array}$$

FINISH

3.

Nam ate 30 cherries. He ate 5 times as many cherries as Trung. How many cherries did Trung eat?

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.....

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4.

There are 20 monkeys in the zoo. There are four times as many monkeys as tigers. How many tigers are there?

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.....

.....

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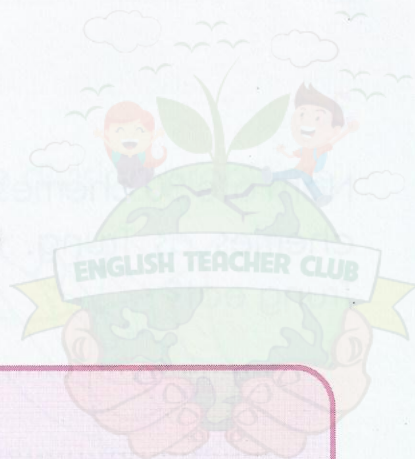
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5. Complete the division squares.

Division square



Example:

1

10	:	5	=	2
:	:	:	:	:
2	:	1	=	2
=	=	=	=	=
5	:	5	=	1

2

40	8	
	4	1

3

	8	
8		2
6		

4

54		
9	3	
	3	

5

	10	2
	2	
5		

6

36	6	
4		2

7

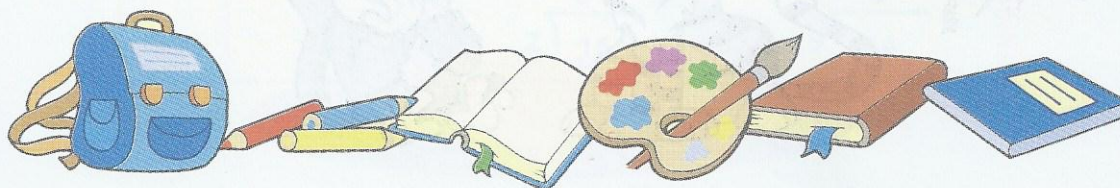
30		3
6		
		1

8

		4
8	2	
3		

9

32	8	
8		
		1





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- ★ ĐỀ KIỂM TRA THAM KHẢO MÔN TIẾNG ANH 3
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