

PREVIEW

This contains
only 21 slides.

Complete slideshow
will be shown only at
the workshop.

*Contact EduHeal Foundation to
conduct workshops in your school.*

EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

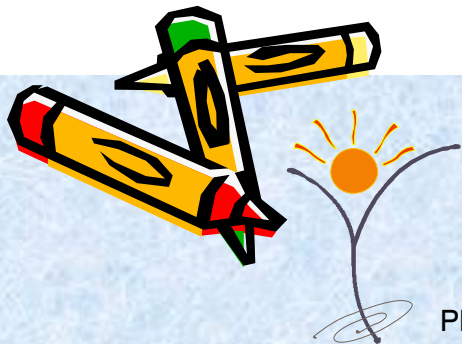
103, Taj Apartment, Ground Floor, Ring Road, Near Safdarjung Hospital,
New Delhi - 29. Ph: 011-26197342

website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



INTERACTIVE MATHEMAGIC WORKSHOP

MATHS IS FUN



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

We Uses Numbers All The Time

Bus no 423 goes
to ISBT

We use them when
we catch a bus.

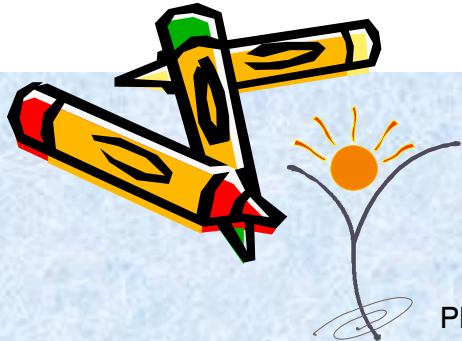
I live in Quarter
No 23, Sector - 4

when we're looking
for someone's house or

Oh! I cannot buy this
necklace as it cost
Rs. 500 and I have
got Rs. 400 only

When we're
shopping to work
out how much we
can afford to buy

Can you think of some more!



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



There are 10 numerical
Words (digits) which make
all numbers.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9

These digits can make
infinitely long numbers



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

But although there are so many different ways of using numbers, every one of them is part of the same number system.



Number are made up of digits in the same way that words are made up of letters.

The number 423 (four hundred and twenty-three) is made up of the digits 4, 2, and 3.



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Each Digit Has a Special Value Which Depends On Its Place in The Number.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Units
				4	2	3

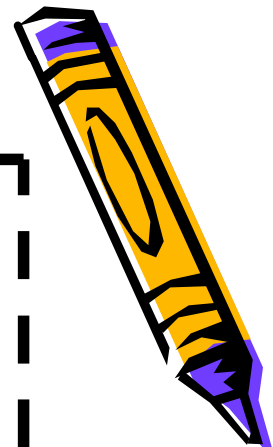
The number 423 is made up of :
Three units
two tens
and four hundreds

These words are called place value headings

EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

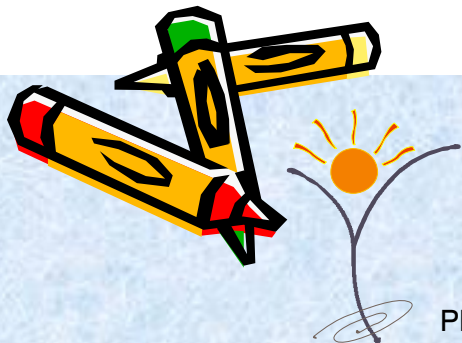
103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



Think about How You Would Say The Number
3721423

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Units
3	7	2	1	4	2	3

Three millions,
Seven Hundred and
Twenty-one thousand
four hundred and
twenty-three



EDUHEAL FOUNDATION

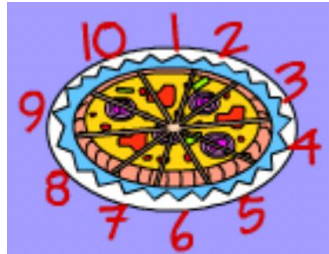
• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



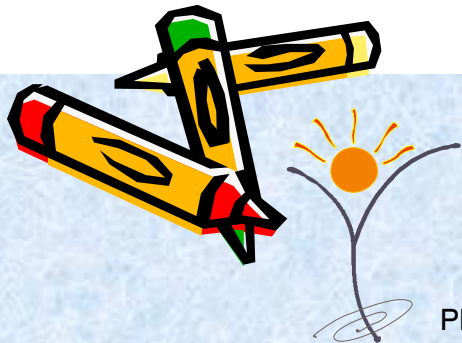
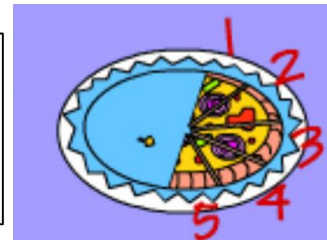
DECIMAL (•)

We use decimals when we talk about parts of a whole number.



One whole cake
cut into ten parts

Five tenths
of a cake



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

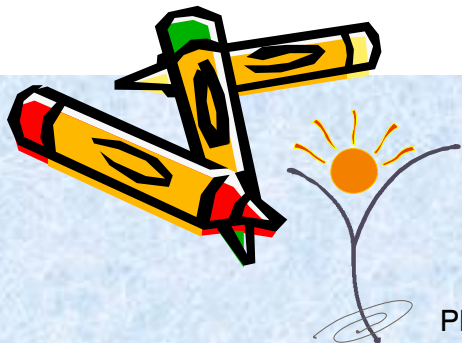
103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Place value works in the same way for decimals, but this time we've added some new columns



Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
					.	

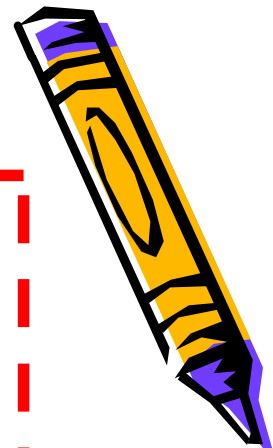
and a decimal point.



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

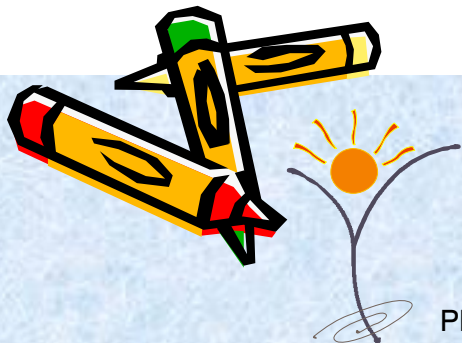
103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



The number 1.5 (one point five)
is made up of :

Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
				1	5	

one unit and five
tenths
just like the cake
slices



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Take 15×10

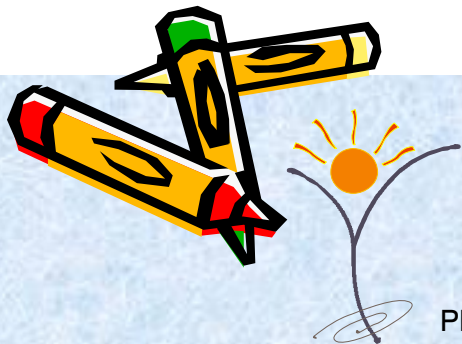
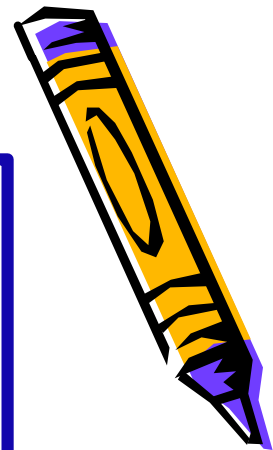
Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
		1	5	0.		

Move all the digits one place to the left

Put a zero in the empty spaces

The answer is 150

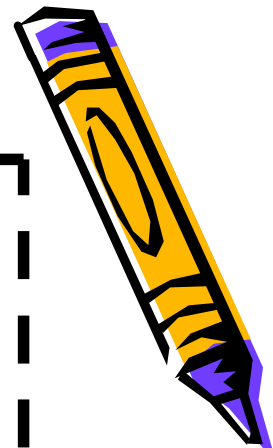
$$15 \times 10 = 150$$



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



Take 24×100

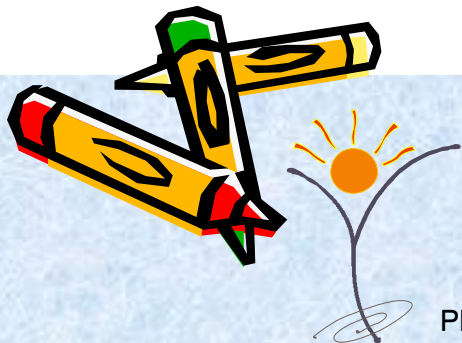
Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
	2	4	0	0	.	

Move all the digits two places to the left

Put a zero in the empty spaces

The answer is 2400

$$24 \times 100 = 2400$$



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



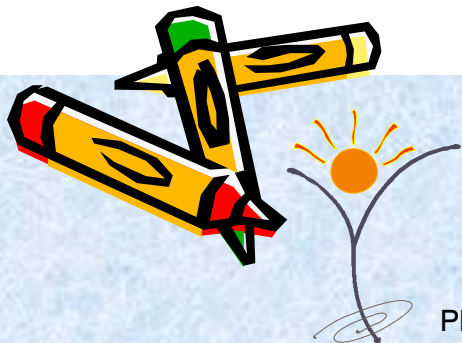
Take $320 \div 10$

Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
			3	2	0	

Move all the digits one place to the right

The answer is 32.0 which can also be written as 32

$$320 \div 10 = 32$$



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Take $274 \div 100$

Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
				2	7	4

Move all the digits two places to the right

The answer is 2.74

$$274 \div 100 = 2.74$$



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

INTERACTIVE EXERCISE



Thousands	Hundreds	Tens	Units	Tenths	Hundredths
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

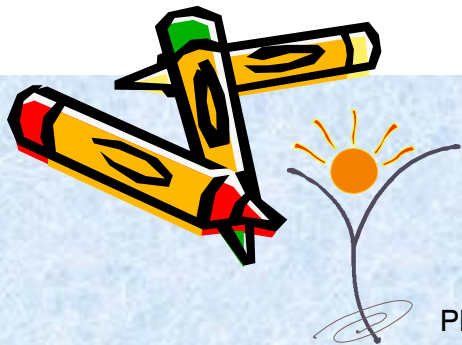
EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



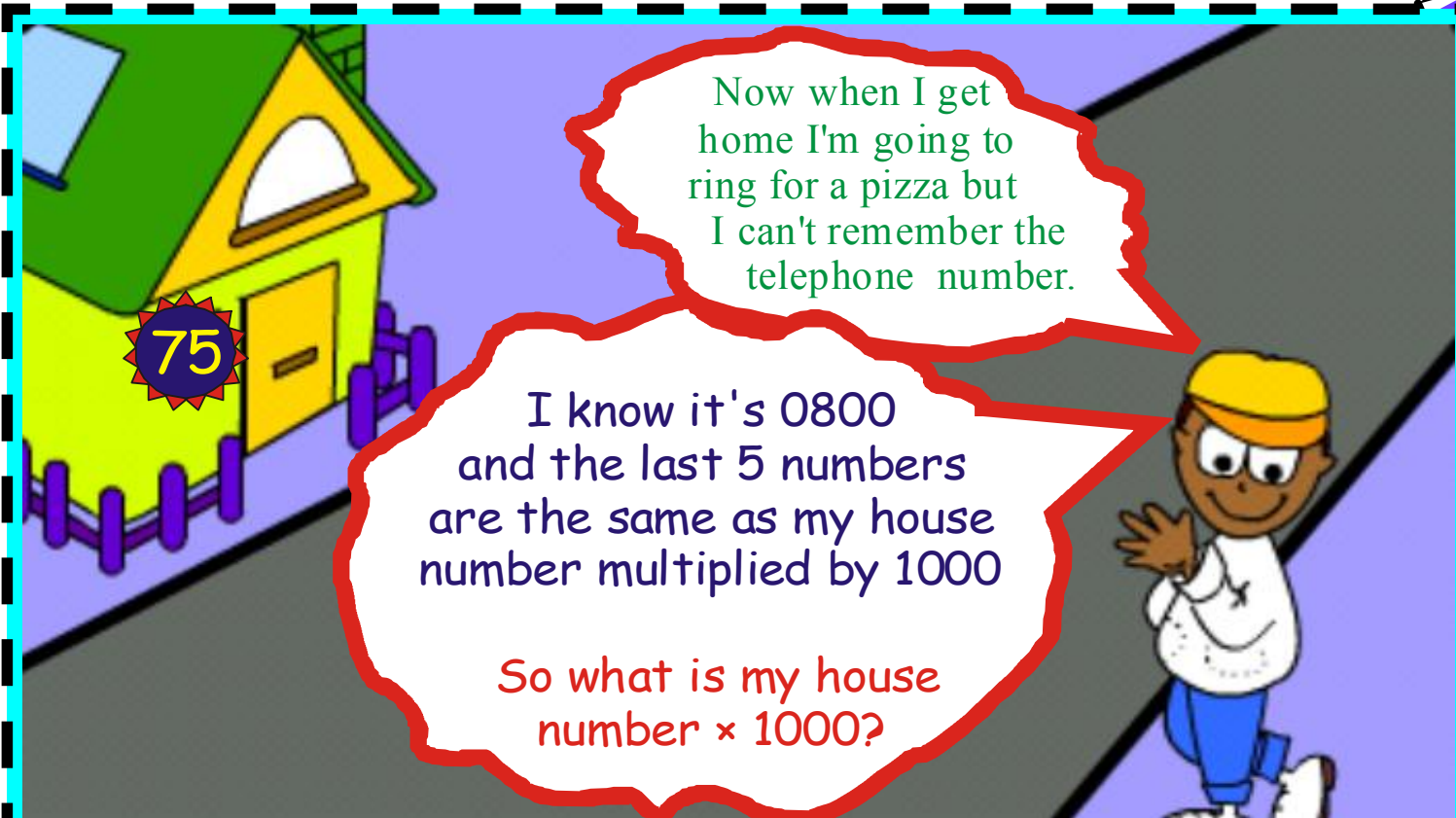
7 Tens 5 Units i.e.
75 correct !



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

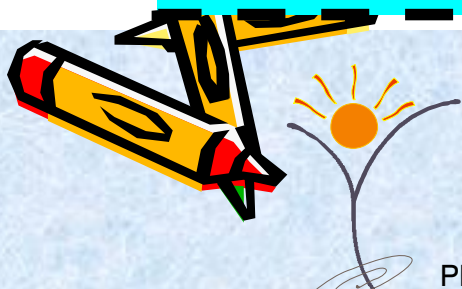


Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths

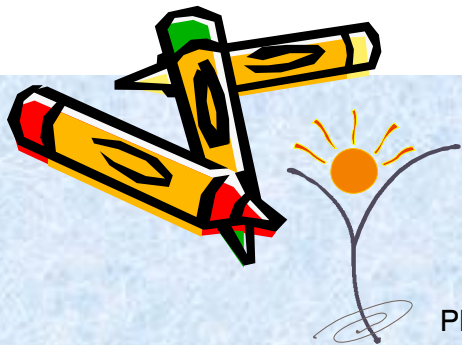
EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org



Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths
7	5	0	0	0		



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
 Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

0800
75000

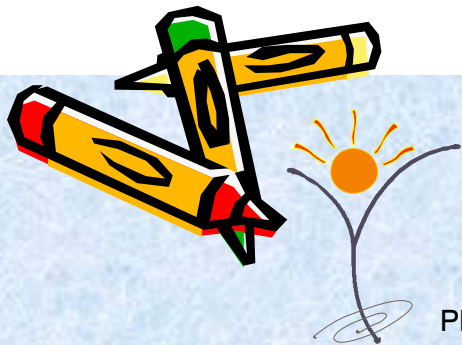
Pizza

OPEN

Take the last 5 digits of the phone number and divide by 100. You can calculate the number of pizzas I sold today

So how many pizzas have I sold today?

Ten Thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Yes you are corret !
I have sold 750 pizzas today.

If you divide the number of these pizzas by 10, you can work out the price of each pizza.

Thousands	Hundreds	Tens	Units	Tenths	Hundredths



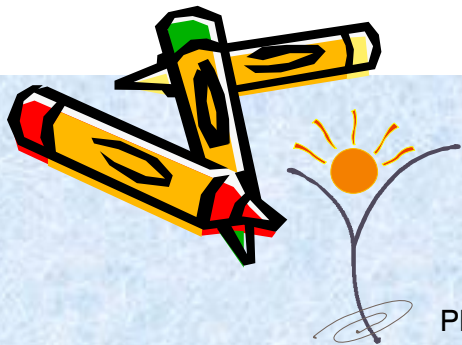
EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org

Have you find out the
price of Each Pizza ?

Yes it is **Rs. 75**



EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

103, Taj Apartment, Near VMMC & Safdarjung Hospital, Ring Road, New Delhi - 29.
Ph: 011-26197342 website : www.eduhealfoundation.org, e-mail : info@eduhealfoundation.org