My Maths Kete Why?

Our goal at NCS is that students learn to love maths! We want to inspire, educate and empower our young mathematicians. Understanding how numbers work and using them flexibly are the keys to their success.

Our approach to basic facts learning here at N.C.S aims to help students develop their **number sense** so that they can approach numbers with confidence and creativity.

Basic fact learning should be about developing fluency alongside solving rich learning activities to apply this knowledge. Fluency is developed in 3 stages : counting, then using strategies and lastly mastery.

We present maths problems to students in a variety of ways. Like this example, it has a word problem, a visual representations and other facts that may be called upon to help solve it.

I was 5 years old when I started karate and I have been doing it for 6 years. How old am I now?

5+5=10 so 5+6=11



5+6=11

My Maths Kete What?

Understanding + connections + flexible thinking = fluency



THIS GRID SHOWS THE CONNECTIONS BETWEEN THE ADDITION FACTS

Students can :

- Look for patterns
- Use facts they know to solve other facts
- Apply the rules(like adding 0)
- Notice the connections between the facts

My Maths Kete How?

This programme sees students learning about groups of related facts which we have organised into kete (baskets). Each kete comes with one or more tests so that students can check their understanding and develop fluency.

Students can practice within a kete of basic facts through the week at home and take one or more timed tests on Friday at school. The tests will allow 1 minute for every 10 equations (most tests have 10 equations).

Some students will have more success doing the tests orally and some students work better without the time constraints. This will be decided by the classroom teacher so every student can achieve success.

As students pass the tests they will keep a record of their progress on images of the kete (baskets) in their books.



My Maths Kete Help! What do we do at home?

Your child will come home on a Monday with a Kete (basket) number to work on. You then need to visit **My Maths Kete** online (this slideshow). This can be found on the school website or on your child's class website.

Once there, you will find a slide for each Kete number. These slides will tell you all the maths facts your child needs to learn for testing. This may take more than a week to master.

There are also some links on that slide to help you & your child practice & understand the requirements of this Kete.

Students need to do some practice each day to prepare for a test on Friday. Mix up the practice between card games, oral practice, online drills, written practice, etc.

On Friday at school they will do at least one test. This is between students & teachers to agree upon.

They will then know which Kete they need to work on the following week. It may be the same again or a new Kete.

Keep in touch with classroom teachers as this programme is in the trial phase & your feedback is crucial to its success.

My Maths Kete

Prototec Maths

This website offers printable or online practice sheets. It also has a timed challenge for each level.

Within this you can find facts that match our Kete. Some of it matches our Kete & some does not.

KETE)	2	3	4	5	6	7	8	9	10))	12	`13	14
PROTOTEC	Stag 2-3	jes	-		Stage 4	^{Stage} 5	Stage 4	Stag 5 &)e 6	Stag 7	e			Stage 8

Kete 1 about 5 W.A.L.T add and subtract to 5 and within 5

-												
+	0	1	2	3	4	5	6	7	8	9	10	
0	0	1	2	3	4	5						5
1	1	2	3	4	5	1						
2	2	3	4	5								
3	3	4	5			1						1 4
4	4	5										
5	5				2							1+4=5
6												4+1=5 5)=4
7	1	1										5 4 - 1
8	1	1	\uparrow	\top	1	1	1	1		\top		Eamily of Eacts
9												
	_	_		_			_	_		_		

What can I do at home to support my child?

- https://nzmaths.co.nz/number-kno • wledge-activities
- https://nzmaths.co.nz/maths-our-h • ouse
- Flash cards .
- Games using playing cards

			Facts Need	to Know	
	0+5=5	3 + 1 = 4	5 - 0 = 5	4 - 1 = 3	3 - 2 = 1 1 - 1 = 0
1	1+4=5	2 + 1 = 3	5 - 1 = 4	4 - 2 = 2	3 - 1 = 2
1	2 + 3 = 5	1+3=4	5 - 2 = 3	4 - 3 = 1	3 - 3 = 0
Call	3 + 2 = 5	1+2=3	5 - 3 = 2	4 - 4 = 0	2 -] =]
1	4+1=5	1+1=2	5 - 4 =)	4-0=4	2 - 2 = 0
	5+0=5	2 + 2 = 4	5 - 5 = 0	3 - 1 = 2	2 - 0 = 2

This kete comes with three follow up tests: Test A addition, Test B subtraction, and then Test C combination of addition and subtraction.

Kete 2 doubles to 10

W.A.L.T. our doubles and halves facts to 10

+	0	1	2	3	4	5	6	7	8	9	10
0	0										Τ
1		2									Τ
2			4								Τ
3				6						1	Τ
4					8						
5						10					Τ
5											
7											
3											Τ
)											

What can I do at home to support my child?

- <u>https://nzmaths.co.nz/number-kno</u> <u>wledge-activities</u>
- <u>https://nzmaths.co.nz/maths-our-h</u> ouse
- Flash cards
- Games using playing cards

1+1=2	2 -] =]	Double 1 = 2	Half of 2 =)
2 + 2 = 4	4 - 2 = 2	Double 2 = 4	Half of 4 =2
3 + 3 = 6	6 - 3 = 3	Double 3 = 6	Half of 6 = 3
4 + 4 = 8	8 - 4 = 4	Double 4 = 8	Half of 8 = 4
5 + 5 = 10	10 - 5 =5	Double 5 = 10	Half of 10 = 5

This kete comes with three follow up tests: Test A doubles (numbers and words), Test B halves (numbers and words) tested in order, then Test C, a combination, out of order

Kete 3 make 10

W.A.L.T add and subtract to 10

+	0	1	2	3	4	5	6	7	8	9	10
0											10
1		1								10	
2									10		
3								10			
4							10				
5						10					
6					10						
7				10							
8			10								
9		10									
10	10									· · · · ·	

What can I do at home to support my child?

- <u>https://nzmaths.co.nz/number-kno</u> wledge-activities
- <u>https://nzmaths.co.nz/maths-our-h</u> ouse
- Flash cards
- Games using playing cards



Facts Nee	d to Know
9 + 1 = 10	10 - 1 = 9
8 + 2 = 10	10 - 2 = 8
7 + 3 = 10	10 - 3 = 7
6 + 4 = 10	10 - 4 = 6
1 + 9 = 10	10 - 9 = 1
2 + 8 = 10	10 - 8 = 2
3 + 7 = 10	10 - 7 = 3
4 + 6 = 10	10 - 6 - 4

This kete comes with one follow up test A: a combination of addition and subtraction facts.

Kete 4 within 10

W.A.L.T know our addition and subtraction facts within 10

6

2+4=6

4 + 2 = 6 6 - 2 = 4

6 - 4 = 2

Family of Facts

	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	
2	2	3	4	5	6	7	8	9	10		
3	3	4	5	6	7	8	9	10			
4	4	5	6	7	8	9	10				
5	5	6	7	8	9	10					
6	6	7	8	9	10						
7	7	8	9	10							
8	8	9	10								
9	9	10									
10	10										

What can I do at home to support my child?

- <u>https://nzmaths.co.nz/number-kno</u> <u>wledge-activities</u>
- <u>https://nzmaths.co.nz/maths-our-h</u>ouse
- Flash cards
- Games using playing cards

/ /	Facts I Need to Know	1
	5+1=6 1+5=6 5+2=7 2+5=7 5+3=8 3+5=8 5+4=9 4+5=9	1
	6+1=7 1+6=7 6+2=8 2+6=8 6+3=9 3+6=9 6+4=10 4+6=10	1
11	7+1=8 1+7=8 7+2=9 2+7=9 7+3=10 3+7=10 8+1=9 1+8=9	
11	8+2=10 2+8=10 9+1=10 1+9=10	
11	6-1=5 6-2=4 6-3=3 6-4=2 6-5=1 6-6=0	20
	7-1=6 7-2=5 7-3=4 7-4=3 7-5=2 7-6=1 7-7=0	1
	8-1=7 8-2=6 8-3=5 8-4=4 8-5=3 8-6=2 8-7=1 8-8=0	1
	9-1=8 9-2=7 9-3=6 9-4=5 9-5=4 9-6=3 9-7=8 9-8=1 9-9=0	2
	10-1=9 10-2=8 10-3=7 10-4=6 10-5=5 10-6=4 10-7=3 10-8=2 10-9=1 10-10=0	
1	This kete comes with three follow up tests: Test A addition, tested in order; Test B subtraction,	
	tested in order; then lest C a combination, out of order.	

Kete 5 From 10 W.A.L.T add on to 10

+	0	1	2	3	4	5	6	7	8	9	10
0											10
1											11
2											12
3					<u> </u>						13
4											14
5											15
6											16
7											17
8						2 					18
9											19
10	10	11	12	13	14	15	16	17	18	19	20

What can I do at home to support my child?

- <u>Number facts games</u>
- Make flashcards together for tricky facts
- Play Prototec to get faster at your facts

Facts | Need to Know

10+1=11	10+6=16)+)0=))	6+10=16
10+2=12	10+7=17	2+10=12	7+10=17
10+3=13	10+8=18	3+10=13	8+10=18
10+4=14	10+9=19	4+10=14	9+10=19
10+ 5=15	10+0=10	5+10=15	0+10=10

This kete comes with two tests. Test A is 10+ = Test B

Test B is + 10 =

Kete 6 Bridge 10

WALT: add two numbers together whose total is greater than 10

+	0	1	2	3	4	5	6	7	8	9	10
0											
1											
2										11	
3									11	12	
4								11	12	13	
5							11	12	13	14	
6						11	12	13	14	15	
7					11	12	13	14	15	16	
8			1	11	12	13	14	15	16	17	
9			11	12	13	14	15	16	17	18	
10											

Facts I Need to Know									
9+2=1)									
9+3=12	8+3=11								
9+4=13	8+4=12	7+4=11							
9+5=14	8+5=13	7+5=12	6+5=1)						
9+6=15	8+6=14	7+6=13	6+6+12	5+6=1)					
9+7=16	8+7=15	7+7=14	6+7=13	5+7=12	4+7=1)				
9+8=17	8+8=16	7+8=15.	6+8=14	5+8=13	4+8=12				
9+9=18	8+9=17	7+9=16	6+9=15	5+9=14	4+9=13				

This kete comes with two tests. Both tests A & B are a mix of facts from this list.

- Number facts games
- Make flashcards together for tricky facts
- <u>Play Prototec to get faster at your</u> <u>facts</u>
- <u>Video about bridging 10</u>

Kete 7 Doubles and Halves to 20 W.A.L.T double a number and to find half of a number Facts I Need to Know 0+0=0 1+1=2 2+2=4 3+3=6 4+4=8 5+5=10 6+6=12 7+7=14 8+8=16 9+9=18 10+10=20 0-0=0 2-1=1 4-2=2 6-3=3 8-4=4 10-5=5 12-6=6 14-7=7 16-8=8 18-9=9 20-10=10

This kete comes with two tests. Test A is addition and Test B is subtraction.

What can I do at home to support my child?

- <u>Number facts games</u>
- Make flashcards together for tricky facts
- <u>Play Prototec to get faster at your</u> <u>facts</u>
- <u>Doubling & halving video</u>

+	0	1	2	3	4	5	6	7	8	9	10
0	0										
1		2									
2	1		4								Γ
3				6							
4					8						Γ
5	Ì			1		10					Γ
6							12				Γ
7	1							14			Γ
8									16		
9										18	Γ
10											20

Kete 8 Within 20 W.A.L.T solve all the addition and subtraction facts up to 20

What can I do at home to support my child?

- <u>Number facts games</u>
- Make flashcards together for tricky facts
- <u>Play Prototec to get faster at your</u> <u>facts</u>

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10	11	12	13
4	4	5	6	7	8	9	10	11	12	13	14
5	5	6	7	8	9	10	11	12	13	14	15
6	6	7	8	9	10	11	12	13	14	15	16
7	7	8	9	10	11	12	13	14	15	16	17
8	8	9	10	11	12	13	14	15	16	17	18
9	9	10	11	12	13	14	15	16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

This kete comes with four tests. Tests A & B are addition facts and tests C & D are subtraction facts

Kete 9 x2, x5 and x10 W.A.L.T recall our times table facts for the 2, 5 and 10 times tables and the associated division facts.

X	0	1	2	3	4	5	6	7	8	9	10
0			0			0					0
1			2			5					10
2	0	2	4	6	8	10	12	14	16	18	20
3	8		6			15					30
4			8			20					40
5	0	5	10	15	20	25	30	35	40	45	50
6			12			30					60
7			14		8	35				13	70
8			16		() (40					80
9			18			45					90
10	0	10	20	30	40	50	60	70	80	90	100

What can I do at home to support my child?

- Skip count
- Chant the stations aloud, forwards and backwards
- Find a song on YouTube
- Learn the family of facts for each fact. Watch this video for more information on how fact families work.
- Use timestables.co.nz to practice
- Test your understanding at <u>Prototec</u> Make a set of flashcards and play matching or memory games.

Y			\bigcirc
	2		
	6	12	
	2 x (6 x 2	6 = 12 2 = 12	<
	12 ÷ 12 ÷	2 = 6 6 = 2	
	12 ÷ Family (6 = 2 of Fact	ts

FACTS I NEED TO KNOW

2	Two Times Table	Five Times Table	Ten Times Table
	0 x 2 = 0	0 x 5 = 0	0 × 10 = 0
1	1 x 2 = 2	1 x 5 = 5) × 10 = 10
1	2 x 2 = 4	2 x 5 = 10	2 x 10 = 20
	3 x 2 = 6	3 x 5 = 15	3 x 10 = 30
2	4 x 2 = 8	4 x 5 = 20	4 x 10 = 40
	5 x 2 = 10	5 x 5 = 25	5 x 10 = 50
	6 x 2 = 12	6 x 5 = 30	6 x 10 = 60
	7 x 2 = 14	7 x 5 = 35	7 x 10 = 70
>	8 x 2 = 16	8 x 5 = 1 0	8 x 10 = 80
	9 x 2 = 18	9 x 5 = 4 5	9 x 10 = 90
1	10 x 2 = 20	10 x 5 = 50	10 × 10 = 100

This kete comes with six follow up tests.

A: 2 x table facts out of order	B: 2 x table division facts
C: 5 x table facts out of order	D: 5 x table division facts
E: 10 x table facts out of order	F: 10 x table division facts

Kete 10 Squares

W.A.L.T recall single digit squared numbers and explore patterns related to

х	0	1	2	3	4	5	6	7	8	9	10
0											
1	1	1									
2			4								
3				9							
4					16						
5						25					
6							36				
7								49			
8									64		
9										81	
10											

What can I do at home to support my child?

- Watch this <u>video</u> to learn about square numbers.
- Use beads, blocks or m&m's to make squares as below.



square numbers.

These numbers are called square numbers (or squared numbers) for the simple reason that they form the area of a square. As squares have equal sides, calculating the area is simple just "square" (multiply by itself) one of its sides! For example, a square with side length 2cm would have an area of 4cm² (as 2 x 2 = 4).

FACTS I NEED TO KNOW

Square Numbers

|x| or $|^{2} = |$ 2×2 or $2^{2} = 4$ 3×3 or $3^{2} = 9$ 4×4 or $4^{2} = |6|$ 5×5 or $5^{2} = 25$ 6×6 or $6^{2} = 36$ 7×7 or $7^{2} = 49$ 8×8 or $8^{2} = 64$ 9×9 or $9^{2} = 8|$ $|0 \times |0 \text{ or } |0^{2} = |00|$

This kete comes with one test. The order of the square numbers on the test will be out of numerical order.

Kete II

x4 and x8

W.A.L.T recall our times table facts for the 4 and 8 times tables as well as the associated division facts.

20

 $4 \times 5 = 20$ $5 \times 4 = 20$ $20 \div 4 = 5$ $20 \div 5 = 4$

Family of Facts

х	0	1	2	3	4	5	6	7	8	9	10
0					0				0		
1					4				8		
2					8				16		
3					12				24		-
4	0	4	8	12	16	20	24	28	32	36	40
5					20				40		
6		Γ			24				48		
7					28				56		
8	0	8	16	24	32	40	48	56	64	72	80
9					36				72		
10					40				80		

What can I do at home to support my child?

- Skip count
- Chant the stations aloud, forwards and backwards
- Find a song on YouTube Learn the family of facts for each fact. Watch <u>this video</u> for more information on how fact families work.
- Use timestables.co.nz to practice
- Test your understanding at <u>Prototec</u> Make a set of flashcards and play matching or memory games.

FACTS I NEED TO KNOW

1	Four Times Table	Eight Times Table
113	0 x 4 = 0	0 x 8 = 0
-) x 4 = 4) x 8 = 8
1	2 x 4 = 8	2 x 8 = 16
2	3 x 4 = 12	3 x 8 = 24
1	4 x 4 = 16	4 x 8 = 32
-	5 x 4 = 20	5 x 8 = 4 0
	6 x 4 = 24	6 x 8 = 48
	7 x 4 = 28	7 x 8 = 56
	8 x 4 = 32	8 x 8 = 64
5	9 x 4 = 36	9 x 8 = 72
	10 x 4 = 40	10 x 8 = 80

This kete comes with four follow up tests.

: 4 x table facts out of order	B: 4 x table division facts
: 8 x table facts out of order	D: 8 x table division facts

Kete 12 x3, x6 and x9 W.A.L.T recall our times table facts for the 3, 6 and 9 times tables as well as the associated division facts.

Х	0	1	2	3	4	5	6	7	8	9	10
0	0			0			0			0	
1				3			6			9	
2				6			12			18	
3	0	3	6	9	12	15	18	21	24	27	30
4				12			24			36	
5				15			30			45	
6	0	6	12	18	24	30	36	42	48	54	60
7				21			42			63	
8				24			48			72	
9	0	9	18	27	36	45	54	63	72	81	90
10	2			30			60			90	

What can I do at home to support my child?

- Skip count
- Chant the stations aloud, forwards and backwards
- Find a song on YouTube
- Learn the family of facts for each fact. Watch this video for more information on how fact families work.
- Use timestables.co.nz to practice
- Test your understanding at Prototec
- Make a set of flashcards and play matching or memory games.

Three Times Table	Six Times Table	Nine Times Table
0 x 3 = 0	0 x 6 = 0	0 x 9 = 0
1 x 3 = 3) x 6 = 6) x 9 = 9
2 x 3 = 6	2 x 6 = 12	2 x 9 = 18
3 x 3 = 9	3 x 6 = 18	3 x 9 = 27
4 x 3 = 12	4 x 6 = 24	4 x 9 = 36
5 x 3 = 15	5 x 6 = 30	5 x 9 = 4 5
6 x 3 = 18	6 x 6 = 36	6 x 9 = 54
7 x 3 = 21	7 x 6 = 42	7 x 9 = 63
8 x 3 = 24	8 x 6 = 4 8	8 x 9 = 72
9 x 3 = 27	9 x 6 = 54	9 x 9 = 81
10 x 3 = 30	10 x 6 = 60	10 x 9 = 90
	Three Times Table $0 \times 3 = 0$ $1 \times 3 = 3$ $2 \times 3 = 6$ $3 \times 3 = 9$ $4 \times 3 = 12$ $5 \times 3 = 15$ $6 \times 3 = 18$ $7 \times 3 = 21$ $8 \times 3 = 24$ $9 \times 3 = 27$ $10 \times 3 = 30$	Three Times TableSix Times Table $0 \times 3 = 0$ $0 \times 6 = 0$ $1 \times 3 = 3$ $1 \times 6 = 6$ $2 \times 3 = 6$ $2 \times 6 = 12$ $3 \times 3 = 9$ $3 \times 6 = 18$ $4 \times 3 = 12$ $4 \times 6 = 24$ $5 \times 3 = 15$ $5 \times 6 = 30$ $6 \times 3 = 18$ $6 \times 6 = 36$ $7 \times 3 = 21$ $7 \times 6 = 42$ $8 \times 3 = 24$ $8 \times 6 = 48$ $9 \times 3 = 27$ $9 \times 6 = 54$ $10 \times 3 = 30$ $10 \times 6 = 60$

FACTS I NEED TO KNOW

This kete comes with six follow up tests.

A: 3 x table facts out of order	B: 3 x table division facts
C: 6 x table facts out of order	D: 6 x table division facts
E: 9 x table facts out of order	F: 9 x table division facts

			Z	/		1			~	K	ie	XJ
1	N.F	A.L	J	rec	all	ou	ir t	ime	25	tak	le	s table as well as the associate
					L	11		//	1			FACTS I NEED TO KNOW
X	0	1	2	3	4	5	6	7	8	9	10	Savan Timas Tabla
0	<u></u>	-	-	-	-	-	-	0	-	-	<u> </u>	Seven Times Table
1	-	-	-	+	-	+	+	7	-	-	-	0 x 7 = 0
2		-	-	-	-	-	-	14				1×7=7
3	<u>, ,</u>	-	+	+	-	-	-	21	-	<u>, 1</u>	-	2 x 7 = 14
4	-	\vdash	+	+	-	+	\vdash	28	-	-	-	3 x 7 = 21
5	-	+	+	+		+	+	35	-	-		4 x 7 = 28
7	0	7	14	21	20	25	12	42	56	62	70	5 x 7 = 35
/ 0		+	14	21	20	35	42	56	150	05	1/0	6 x 7 = 4 2
0	-	+	\vdash	+	+	+	+	63	+		\vdash	7 x 7 = 49
7 10		+	+	1		+	\vdash	70	\vdash			8 x 7 = 56
10							11	170		1.00		9 x 7 = 63
		ala at	h aus				م ال مام ا	10				10 x 7 = 70
at c	anio	αοατ	nom	e to s	uppo	ort mu	j chilo	3{				
Skip count Characterians aloud forwards and had words												
 Find a song on YouTube 						rwar	This kete comes with two follow up tests.					
 Learn the family of facts for each fact. Watch this video for more information on how fact families work 						r eacl	A: $\Im x$ table facts out of order B: $\Im x$ table division					
•	Us Te Ma	e <u>tim</u> st yo	estak ur ur	ders	<u>o.nz</u> t tandi	to pro ng at	etice	otec	tchin	or n	nema	
-	gai	mes.						ng mai		,		

Kete 14 Extension

10, 100 and 1000

In each kete test, you will be asked questions like...

Test A	Test B	Test C	Test D	Test E
Multiplying and	Multiplying and	Multiplying and	Tens in	Hundreds in
dividing by 10	dividing by 100	dividing by 1000	1,000 - 1,000,000	1,000 - 1,000,000
1. 23 x 10 = ? 2. 4590 ÷ 10 = ? 3. 638 x 10 = ? 4. 2760 ÷ 10 = ?	1. 27 x 100 = ? 2. 33,200 ÷ 100 = ? 3. 34 x 100 = ? 4. 9, 800 ÷ 100 = ?	1. 345 x 1000 = ? 2. 62, 000 ÷ 1000 = ? 3. 125 x 1000 = ? 4. 321, 500 ÷ 1000 = ?	1. 10's in 41, 633 = ? 2. 231 tens = ? 3. 10's in 22, 415 = ?	1. 100's in 41, 633 = ? 2. 231 hundreds = ? 3. 100's in 22, 415 = ?

Kete 15 Extension

In each kete test, you will be asked questions like...

Test A	Test B	Test C	Test D
'Fives in' any number	Multiplication facts	Division facts with	Squares and Square
to 50	with missing addend	missing addend	Roots to 100
1. 5's in 41 = 8	1. 7 x = 42	1. 56 ÷ = 7	1. √64 = 8
2. 5's in 27 = 5	2. 9 x = 72	2. 36 ÷ = 6	2. 7² = 49
3. 5's in 33 = 6	3. 4 x = 24	3. 32 ÷ = 4	3. √49 = 7

Kete 16 Extension

Decimal tenths and hundredths

In each kete test, you will be asked questions like...

Test A A tenth more & less than to 1,000	Test B A hundredth more & less than to 1,00	Test C How many tenths altogether	Test D How many tenths in a number	Test E How many hundredths altogether	Test F How many hundredths in a number
1. 347 - 0.1 = 346.9	1. 27 + 0.01 = 27.01	1. 71 tenths = 7.1	1. tenths in 7.3 = 73	1. 423 100ths = 4.23	1. 100ths in 4.57 = 457
2. 312.9 + 0.1 = 313	2. 39 - 0.01 = 38.99	2.24 tenths = 2.4	2. tenths in 3.1 = 31	2. 231 100ths = 2.31	2. 100ths in 4.82 = 482

Kete 17 Extension

Fractions, decimals and percentages

In this kete, you will find examples like...

Test A Convert % to fraction and decimal	Test B Convert fraction to decimal and %	Test C Convert decimal to % and fraction
As a fraction:	As a decimal:	As a fraction:
1. 75% = 3/4	1. 3/4 = 0.75	1. 0.75 = 34 or 75/100
2. 20% = 2/10 or 1/5	2. 8/10 = 0.8	2. 0.8 = 8/10 or 80/100
As a decimal:	As a %:	As a %:
3. 10% = 0.1	3. 9/10 = 90%	3. 0.25 = 25%
4. 30% = 0.3	4.6/10=60%	4. 0.4 = 40%