

(MNU 1 - 22a)

I can use appropriate vocabulary to describe the likelihood of events occurring, using the knowledge and experiences of myself and others to guide me.







Using technology and other methods, I can display data simply, clearly and accurately by creating tables, charts and diagrams, using simple labelling and scale.



4. Using one of the above questions, put the information given into a computer **database** or **spreadsheet** and make an appropriate table, chart and/or diagram to show this information.







2. Which of the pictures below are symmetrical ? (Write Yes or No).







Each symmetrical picture below is only half completed.
 Copy each figure neatly and complete it.





(MNU 1 - 20a)

I have explored a variety of ways in which data is presented and can ask and answer questions about the information it contains.



4. Mr and Mrs Jones were arranging the meal for their daughter's wedding.

The hotel offered them two choices.

- a What was the starter in Menu 1?
- b What was the main course in Menu 2?
- c Write down the **deserts** listed for both **Menus**.
- 5. A group of people who went to Europe on holiday were asked to say which country they had visited.



- **a** Which European country was **most** popular ?
- **b** Write down the number of people who visited :-
 - (i) Spain (ii) Portugal (iii) France (iv) Italy
- c How many fewer people visited France than Italy?
- d How many people were questioned ?
- 6. Comfy Tours prices are shown for the different tours that they offer.
 - a How much would it cost for :-
 - (i) one adult, City tour on a Monday ?
 - (ii) one child, Historical tour on a Sunday ?
 - (iii) two adults, Full tour on a Saturday ?
 - **b** Mr Dobbs takes his wife and his son on a Full tour on Tuesday.

How much did it cost altogether ?

c Mrs Jack and her daughter paid a total of £8 for their tour.Which tour did they go on and when did they go ?

	Mon ·	- Thu	Weel	k-end	
	Adult	Child	Adult	Child	
City	£3	£1	£4	£2	
Historical	£4	£2	£5	£3	
Full	£8	£5	£9	£6	





Starter

Soup

Salad

Menu 1

Menu 2

Italy

Germany

Main

Fish

Desert

Ice-cream

Chicken Cheescake

(v) Germany.

(MTH 1 - 18a)

I have developed an awareness of where grid reference systems are used in everyday contexts and can use them to locate and describe position.



- 5. Write down what is on grid reference :-
 - Ae Ca a h
 - Ce d Dd. С
- 6. Write down all 3 grid references for where Lake lies.



Βf Fe? Ь ۵



Post

Office

Α

/////

Main

В

b

۵

Vets

Ε

Ross Street

D

Police

Station

С





I have used a range of ways to collect information and can sort it in a logical, organised and imaginative way using my own and others' criteria.

- * As part of this assessment, pupils should be encouraged to carry out their own survey and write a simple report into its findings. Encourage as diverse and interesting a survey as possible.
- A survey was conducted to find out what was the most popular breakfast drink in a class.

The results are shown in the table.

Copy this tally table and complete it to show these results.



Tea	Orange	Milk	Water
Milk	Orange	Orange	Orange
Apple	Milk	Apple	Apple
Orange	Apple	Tea	Milk
Water	Water	Milk	Apple
Orange	Orange	Water	Water

Drink	Tally	Number
Apple		
Orange		
Water	CC	PY
Tea		•
Milk		

2. A group of people from Britain were asked to say which country they lived in.

les
les
land
land
and
land



Make a tally table to show this information.

3. a As a class, collect information for each pupil under the headings :-

name	boy/girl	height	eye colour	hair colour
\sim		\sim	\sim	\sim

b Make up a **database** showing the information for the class.

c Write a report pointing out any interesting features.



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Level 1 MTH 1-16a





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(MTH 1 - 17a)

I can describe, follow and record routes and journeys using signs words and angles associated with direction and turning.



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Through exploring number patterns, I can recognise and continue simple number sequences and can explain the rule I have applied.

1.	Draw the next two shapes in this pa	ttern :-	
2.	Draw the block of circles missing fr	om this po	attern :-
			00000 00000 00000 00000 00000 00000 00000 000000
3.	Write down the next 2 numbers in	each patte	ern :-
	a 5, 6, 7, 8,	Ь	2, 4, 6, 8,
	c 29, 27, 25, 23,	Ь	60, 70, 80, 90,
4.	The number pattern 4, 7, 10, 13,	16,, co	an be described as follows :-
4.	The number pattern 4, 7, 10, 13, "start at 4 an	16,, ca d add on	an be described as follows :- 3 each time ".
4.	The number pattern 4, 7, 10, 13, "start at 4 an Describe the following number patt	16,, co id add on erns in a s	an be described as follows :- 3 each time". similar way :-
4.	The number pattern 4, 7, 10, 13, "start at 4 an Describe the following number patt a 5, 9, 13, 17,	16,, co Id add on erns in a s b	an be described as follows :- 3 each time ". similar way :- 19, 17, 15, 13,
4 . 5 .	The number pattern 4, 7, 10, 13, "start at 4 an Describe the following number patt a 5, 9, 13, 17, Write down the next 2 numbers in	16,, co Id add on erns in a s b each patte	an be described as follows :- 3 each time ". similar way :- 19, 17, 15, 13, ern :-
4 . 5 .	The number pattern 4, 7, 10, 13, "start at 4 an Describe the following number patt a 5, 9, 13, 17, Write down the next 2 numbers in a 1, 4, 7, 10,	16,, co nd add on erns in a s b each patte b	an be described as follows :- 3 each time" . similar way :- 19, 17, 15, 13, ern :- 2, 8, 14, 20,
4 . 5 .	The number pattern 4, 7, 10, 13, "start at 4 and Describe the following number pattern a 5, 9, 13, 17, Write down the next 2 numbers in a 1, 4, 7, 10, c 39, 50, 61, 72,	16,, co nd add on erns in a s b each patte b d	an be described as follows :- 3 each time ". similar way :- 19, 17, 15, 13, ern :- 2, 8, 14, 20, 200, 180, 160, 140,
 4. 5. 6. 	The number pattern 4, 7, 10, 13, "start at 4 and Describe the following number patt a 5, 9, 13, 17, Write down the next 2 numbers in a 1, 4, 7, 10, c 39, 50, 61, 72, COPY each number pattern and ent	16,, co nd add on erns in a s b each patte b d er in all th	an be described as follows :- 3 each time". similar way :- 19, 17, 15, 13, ern :- 2, 8, 14, 20, 200, 180, 160, 140,
 4. 5. 6. 	The number pattern 4, 7, 10, 13, "start at 4 and Describe the following number pattern a 5, 9, 13, 17, Write down the next 2 numbers in a 1, 4, 7, 10, c 39, 50, 61, 72, c 39, 50, 61, 72, a 7, 11,, 19, 23,	16,, co Id add on erns in a s b each patte b d er in all th b	an be described as follows :- 3 each time". similar way :- 19, 17, 15, 13, ern :- 2, 8, 14, 20, 200, 180, 160, 140, me missing numbers :- , 8, 13, 18,, 28
4.5.6.	The number pattern 4, 7, 10, 13, "start at 4 and Describe the following number pattern a 5, 9, 13, 17, Write down the next 2 numbers in a 1, 4, 7, 10, c 39, 50, 61, 72, c 37, 11,, 19, 23, c 37, 33, 29,, 21,	16,, co nd add on erns in a s b each patte b d er in all th b d	an be described as follows :- 3 each time" . similar way :- 19, 17, 15, 13, ern :- 2, 8, 14, 20, 200, 180, 160, 140, me missing numbers :- , 8, 13, 18,, 28 818,, 616, 515,, 313.



(MTH 1 - 15a)

I can compare, describe and show number relationships, using appropriate vocabulary and the symbols for equals, not equal to, less than and greater than.

1.	State which sign, (+, -, × or ÷), should go in each box to make the calculation correct.
	a 6 7 = 13 b 12 5 = 7 c 8 5 = 40
	d 27 9 = 3 e 20 11 = 9 f 21 5 = 105.
2.	Here are 8 calculations. Match them up in pairs 9×2 $30 \div 2$ 6×4
	with the same answer using 2×12 $21 \div 3$
	9 x 2 = 15 - 8
3.	In this question you are given two numbers or calculations.
	COPY each one and write is equal to, is smaller than or is greater than :-
	a 10 15 b 27 23 c 101 110
	d 3 x 7 5 x 4 e 20 ÷ 5 24 ÷ 6 f 36 - 8 38 - 6.
4.	COPY each of these. Put in the symbol = (equals) or ≠ (not equal to) between each calculation :-
	a 8 x 3 6 x 4 b 20 ÷ 4 30 ÷ 5 c $\frac{1}{2}$ of 24 $\frac{1}{3}$ of 30.
5.	Some kilogram weights were put on either side of a balance.
	Write down what you think is wrong with this picture.
6.	You should know these symbols :-
	(= is equal to) (> is greater than) (< is smaller than)
	COPY these and write =, >, or < between each one to make the calculations correct :-
	a 23 32 b 11 10 c 9 × 7 7 × 9
	d $\frac{1}{2}$ of 100 7 x 7 e 14 x 3 13 x 4 f $\frac{1}{4}$ of 24 35 - 30.





When a picture or symbol is used to replace a number in a number statement, I can find its value using my knowledge of number facts and explain my thinking to others.





(MNU 1 - 10b)

I can use a calendar to plan and be organised for key events for myself and my class throughout the year.







I have begun to develop a sense of how long tasks take by measuring the time taken to complete a range of activities using a variety of timers.





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(MNU 1 - 11b)

I can estimate the area of a shape by counting squares or other methods.





(MTH 1 - 12a)

I have discussed the important part that numbers play in the world and explored a variety of systems that have been used by civilisations throughout history to record numbers.

This Outcome will be assessed dependent on the topic or topics covered by a particular class.

۵	Discuss the language in other countries for numbers - un, deux, trois,
Ь	Look at various other ways of counting objects - tally marks and use the internet to study various early counting systems
	0 1 2 3 4 5 6 7 8 9 10 11 12 13
	$Babylonian \qquad \forall \qquad $
	Roman I II III IV V VI VII VIII IX X XI XII XI
	Mayan 🗢 • • • • • • · · · · · · · · · · · · ·
с	Simple Binary system using only 0's and 1's to build up numbers
	0 1 10 11 100 101 110 111 1000 1001 1010 1011 1100 1101
d	Discuss place value - what 3 6 5 really means (3 × 100) + (6 × 10) + 5 etc.
e	The abacus
f	The early Egyptian system 1 - 10 - 🦳 100 - 🕑
	This means that 325 in Egyptian is $QQQ \cap H$
9	A mathematician or arithmetician might be chosen, Pythagoras, John Napier (Scottish) etc and children could research the work done by him/her using the internet.







I can share ideas with others to develop ways of estimating the answer to a calculation or problem, work out the actual answer, then check my solution by comparing it with the estimate.

1.	Look at this part of a number line. Use it to estimate what 38 rounds to, to the nearest 10.
2.	Round each of these numbers to the nearest 10:-
	a 52 b 89 c 356 d 725.
3.	Copy and complete the following estimation to find the answers to 137 + 329 :-
	137 + 329 is about the same as 140 + which is about
4.	Estimate the answers to the following in the same way as in question 3 :-
	a 28 + 33 b 149 + 313 c 82 - 48 d 791 - 218.
5.	Jane had 461 stickers in her "Monsters" sticker collection. She gave away 197 to her friend Gemma. Estimate to the nearest 10 how many stickers she had left.
6.	Marvin and Elsie completed a sponsored jog for charity.
	Marvin collected £318 and Elsie collected £273.
	Estimate to the nearest £10 how much they collected altogether.
7.	Alice, Nicola and Lynne won £229 each on the Lottery.
	By rounding, estimate to the nearest £10 how much this was altogether .
8.	A fence was 525 cm long. During a winter storm, a section 197 cm long, was blown down. Estimate what length remained standing.
Your	r teacher may wish to give you out a calculator on completion of the test to check answers.



(MNU 1 - 02a)

I have investigated how whole numbers are constructed, can understand the importance of zero within the system and use my knowledge to explain the link between a digit, its place and its value.





1.	Set	down these additions	s and	d subtractions and do	the	calculations :-			23455707 888 - 289
	۵	44	Ь	380	с	70	d	85 + 16	
		+ 9	-	+ 60		450			
						+ 80			
		200 - 40	£	120 · (0 · 00	_	76	h	640	
	e.	390 + 40	т	420 + 60 + 90	g	- 8	n	- 70	
					_		-		
2	Jane	has 67n. She spend	le 8r	huving a sweetie		~			
	Llon	mum than aived han	anot	han 6n	-	man			
	Fier		unor	ner op.	n				
	How	much does Jane the	n ha	ve?		0			
3.			Der	rek is a milk boy and e	earns	s £23 per week.			
	Zu		Sim	ion is a paper boy and	gets	s £3 less than De	rek.		
	beed		ا من	ra has a delivery job	and i	aets naid f7 mor	e than	Derek	
			Luu	What door Simon or	una <u>:</u> nn 2		e man		
			α,	What does Simon ea	rn 2				
			b	What does Laura ear	n 🦻				
	Y		С	How much less than l	Laur	a does Simon earl	n ?		
4.	Find	the missing number	in e	ach of the following.	The	e missing number	is shou	/n as a 🗖	
	۵	4	Ь	570	с	9 🗖	d	520	
	+	- 7		+ 🗖 0		- 8		- 🗖 0	
	Ę	5 3		640		84		430	
-		ELCOME BAL		TI			• • •		
٥.	A	REVOLIN YAN RIGHT		inere were JUU adul	ts a	t a parents open i	nignt.		
		IOME ROOM!		170 of them were w	ome	n.			
				How many of them w	erei	men?			
		THE BEE							
	- ·						•		
5.	In th	nis puzzle, the numbe	er Nd	a 120		b	\checkmark	7	
	by a	dding the two numbe	rs					_	
	in th	e stars either side o	f	410		9	0		
	the I	rectangle.				\sim			
	Сору	and complete each			180			20	7
	puzz	le.			\sim				









chocolate among themselves **equally**.

- a What fraction will each girl receive ?
- b How many small chocolate squares will each girl get ?







(MNU 1 - 09b)

I have investigated how different combinations of coins and notes can be used to pay for goods or be given in change.



J

Mathematics Assessment (CfE) - Level 1



I can tell the time using 12 hour clocks, realising there is a link with 24 hour notation, explain how it impacts on my daily routine and ensure that I am organised and ready for events throughout my day.



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b)	/:	10	<u>т о</u>			- • · •					1	1 -
		(I)	10 pas	1 2	(11)	guart	er to 6 ?	• •					
S	Shov	wn is	part of	the G	lasgow	- Stranro	aer train	n timeto	able.				
		Gl	asgow	>	Troo	n —>	Ayr	>	Girvan		Stran	raer	
		11.4	45 am		12·15	pm			1·10 pm		1·42	? pm	
۵		Atv	what tir	ne in t	the mor	ning did t	the trair	n leave	Glasgow	? (answ	ver in W	ORDS)
Ь)	The Wri	train a te this	rrivec time (l in Ayr using ar	at twent n/pm.	ty five p	past tw	velve.				
~		Wri	te out i	in wor	ds wher	n the trai	in reache	ed Girv	/an.		1.12	- in	MAR
т Са	⁻ his 'an y	time you s	line sh ee that	ows bo 2 pm	oth 12 in 12 ho	hour and our time	24 hour becomes	• times. s 1400	hours in	24 hou	rtime?)	
T Ca	⁻his 'an y	time you s	line sh ee that	ows bo	$\frac{12 \text{ h}}{12 \text{ h}}$	hour and our time 1 orning (am	24 hour becomes 2 hour	• times. s 1400 time afterno	hours in	24 hou	r time ?		ρĒ
т С	⁻his 'an y	time you s	line sh ee that	ows bo	m in 12 ho 7 am 8 am 0700 080	hour and our time 1 orning (am	24 hour becomes 2 hour $\frac{1}{100}$	• times. s 1400 time afterno pm 2 pm 3 d d d d d 300 1400 1 time	hours in hon (pm) 3 pm 4 pm 5 pm 1500 1600 170	24 hou	r time ?		
T Ca a	'his 'an y	time you s Cha	line sh ee that nge the	ows bo 2 pm	oth 12 I in 12 ho 7 am 8 an 0700 080	hour and our time 1 orning (am 9 am 10 am 1 9 am 10 am 1 0 0900 1000 2 nes into 2	24 hour becomes 2 hour 11 am = 1 p 1100 1 p 1100 1 p 1100 1 p 1100 1 p 1100 1 p 1200 1 p	• times. s 1400 time afterno pm 2 pm 3 d d 300 1400 1 time times	hours in hours in <u>hon (pm)</u> <u>h h h</u> 1500 1600 170	24 hou	r time ?		
T Cu a	⁻ his 'an y	time you s Cha (i)	line sh ee that nge the 4 am	ows bo 2 pm	m in 12 ho 7 am 8 am 0700 080 hour tin (ii)	hour and our time 1 orning (am o 9 am 10 am 1 0 0900 1000 2 nes into 2 9 pm.	24 hour becomes 2 hour -) 11 am Noon 1 p 1100 1200 13 24 hour 24 hour	 times. s 1400 time afterno pm 2 pm 3 afterno time time times 	hours in on (pm) 3 pm 4 pm 5 pm 1 1 1 1500 1600 170	24 hou	r time ?		
T Ca a	'his 'an y	time you s Cha (i) Cha	line sh ee that nge the 4 am nge the	ows bo 2 pm	both 12 I in 12 ho 7 am 8 am 7 am 8 am 7 am 12 hour hour tin (ii) hour tin	hour and our time 1 orning (am 9 am 10 am 1 10 0900 1000 2 nes into 2 9 pm. mes into	24 hour becomes 2 hour -) 11 am Noon 1 ; 11 am Noon 1 ; 11 am 1 ; 11 am 1 ; 11 am 1 ; 12 hour 12 hour	 times. s 1400 time afterno afterno afterno time times times 	hours in on (pm) <u>} pm 4 pm 5 pm</u> 1500 1600 170 :-	24 hou	r time ?		

6.	This is	part of	Channel	8's	T.V.	programmes	for	Saturday.
••		P	011011101			pi ogi annioo	101	0414144).

Can you see that Racing from Ayr is on at

- twenty five past two in the afternoon?-Write out the times of the following ۵ programmes fully in the same way :-
 - Count-Up (ii) (i) **Teatime News**

Channel 8
Bugs Rabbit (cartoon)
Racing from Ayr
Count-Up (quiz show)
Catlady Returns (film)
Sports Results
Teatime News
Scottish News
Vou've Been Caucht

2:10

3:20

4:55

5:05 5:25

► 2:25 2:50