Theme: Numbers and Numeration (M-07-001)	CODE: A1	Theme: 1	Numbers and Numeration (M-07-001)	CODE: A2
Lesson Title: Concept and Vocabulary of Factors	s	Lesson Tit	tle: Concept and Vocabulary of Factors	S
What are factors?		Look at thi	is list of numbers: 0;24;48;8;13;2;40;1;	14.
		Which nun	mbers are factors of 24?	
	1 minute			1½ minutes
Theme: Numbers and Numeration (M-07-001)	CODE: A3	Theme:	Numbers and Numeration (M-07-002)	CODE: A4
Lesson Title: Concept and Vocabulary of Factors	S		tle: Multiples of Whole Numbers	
Find the factors of the fall and a growth and		\\// +:		
Find the factors of the following numbers: i. 18		What is a	multiple?	
ii. 30 iii. 32				
III. JZ				
	4 minutes			1½ minutes
	4 minutes			1/2111111111111111111111111111111111111
Theme: Numbers and Numeration (M-07-002)	CODE: A5	Theme:	Numbers and Numeration (M-07-002)	CODE: A6
Lesson Title: Multiples of Whole Numbers		Lesson Tit	tle: Multiples of Whole Numbers	
Lesson Title: Multiples of Whole Numbers		Lesson Tit	tle: Multiples of Whole Numbers	
i Write down the first 5 multipl			tle: Multiples of Whole Numbers a What is a prime number?	
		6	a What is a prime number ?	
i Write down the first 5 multipl ii Write down all multiples of 7		6	a What is a prime number ?	
i Write down the first 5 multipl ii Write down all multiples of 7		6	a What is a prime number ?	
i Write down the first 5 multipl ii Write down all multiples of 7		6	a What is a prime number ?	
i Write down the first 5 multipl ii Write down all multiples of 7		6	a What is a prime number ?	2 minutes
i Write down the first 5 multipl ii Write down all multiples of 7 but less than 45	greater than 20 3 minutes	i 1	a What is a prime number ? b Is 1 a prime number?	
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003)	greater than 20	Theme:	a What is a prime number ? b Is 1 a prime number? Numbers and Numeration (M-07-004)	2 minutes CODE: A8
i Write down the first 5 multipl ii Write down all multiples of 7 but less than 45	greater than 20 3 minutes	Theme:	a What is a prime number ? b Is 1 a prime number?	
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003)	greater than 20 3 minutes	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	CODE: A8
i Write down the first 5 multipl ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers	greater than 20 3 minutes	Theme: I	a What is a prime number ? b Is 1 a prime number? Numbers and Numeration (M-07-004)	CODE: A8
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers Complete the following table:	greater than 20 3 minutes CODE: A7	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	CODE: A8
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers Complete the following table: Numbers Factors	greater than 20 3 minutes CODE: A7	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	CODE: A8
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers Complete the following table: Numbers Factors Factors 32	greater than 20 3 minutes CODE: A7	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	CODE: A8
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers Complete the following table: Numbers Factors	greater than 20 3 minutes CODE: A7	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	code: A8
i Write down the first 5 multiple ii Write down all multiples of 7 but less than 45 Theme: Numbers and Numeration (M-07-003) Lesson Title: Factors of Whole Numbers Complete the following table: Numbers Factors	greater than 20 3 minutes CODE: A7	Theme: I	a What is a prime number? b Is 1 a prime number? Numbers and Numeration (M-07-004) tle: Common Factors	CODE: A8

Theme: Numbers and Numeration (M-07-004)	CODE: A9	Theme: Numbers and Numeration (M-07-004)	CODE: A10
Lesson Title: Common Factors		Lesson Title: Common Factors	
		Below are four pairs of numbers:	
Complete the following sentence:		a. 6 and 12	
When a number is a factor of two or more giver	n numbers,	b. 5 and 10	
it is called a?	,	c. 8 and 20	
		d. 9 and 15	
		Find the common factors for the pairs of number Write down the factors of the numbers.	ers.
	1½ minutes		4 minutes
Theme: Numbers and Numeration (M-07-005)	CODE: A11	Theme: Numbers and Numeration (M-07-005)	CODE: A12
Lesson Title: Highest Common Factor (HCF)		Lesson Title: Highest Common Factor (HCF)	
What does the term (Highest Common Footen	۲ (UCE) سممت	When do we use the factor tree mother?	
What does the term 'Highest Common Factor	(HCF) mean?	When do we use the factor tree method?	
	41/ 1		417 1
	1½ minutes		1½minutes
TI N. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Theme: Numbers and Numeration (M-07-005)	CODE: A13	Theme: Numbers and Numeration (M-07-006)	CODE: A14
Lesson Title: Highest Common Factor (HCF)	CODE: A13	Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	CODE: A14
Lesson Title: Highest Common Factor (HCF)	CODE: A13		CODE: A14
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of:	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13		CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28		Lesson Title: Common Multiples	
Use a factor tree to find the HCF of: a.) 14 and 28	CODE: A13	Lesson Title: Common Multiples	CODE: A14
Use a factor tree to find the HCF of: a.) 14 and 28		Lesson Title: Common Multiples	
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5	1 minute
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006)	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006)	1 minute
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	1 minute CODE: A16
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006)	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	1 minute CODE: A16 s of 3 and 6.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes CODE: A15	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6. s of 6 and 9.
Lesson Title: Highest Common Factor (HCF) Use a factor tree to find the HCF of: a.) 14 and 28 b.) 18 and 30 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples	4 minutes	Lesson Title: Common Multiples Give the first five multiples of 5 Theme: Numbers and Numeration (M-07-006) Lesson Title: Common Multiples a. Find the first 5 common multiple	1 minute CODE: A16 s of 3 and 6.

Theme: Numbers and Numeration (M-07-007)	CODE: A17	Theme:	Numbers and Numeration (M-07-007)	CODE: A18
Lesson Title: Lowest Common Multiple (LCM)		Lesson	Title: Lowest Common Multiple (LCM)	
What does the term 'Lowest Common Multipl	e' (LCM) mean?	a. b.	Find the LCM of 4 and 12 Find the LCM of 10 and 25	
Theme: Numbers and Numeration (M-07-008)	1½ minutes	Theme:	Numbers and Numeration (M-07-009)	4 minutes
Lesson Title: Square of Whole Number	OODE. A13		Title: Cubed Whole Numbers	OODE. AZO
Find the values of: (a) 8 squared (b) 9 squared (c) 7 squared			e values of: a.9 cubed b.3 cubed c.5 cubed	
	3 minutes			3 minutes
Theme: Numbers and Numeration (M-07-010)	CODE: A21	Theme:	Numbers and Numeration (M-07-011)	CODE: A22
Lesson Title: Higher Powers of Whole Numbers	3	Lesson	Title: Multiplying Two Indices	
Simplify the following: (a) 6×6×6×6 (b) 7×7×7×7 (c) 3×3×3×3 Expand the following: (d)2 ⁵ (e)8 ⁴			the value of the power and what is the ression below:	value of the base in
	4 minutes			2 minutes
Theme: Numbers and Numeration (M-07-011) Lesson Title: Multiplying Two Indices	CODE: A23	Theme: Lesson	Numbers and Numeration (M-07-011) Title: Multiplying Two Indices	CODE: A24
Complete the following sentence:		Identify	the Law of Indices in the following expre	ession:
When multiplying two indices with the same ba	se,		$a^m \times a^n = a^{m+n}$	
	1½ minutes			1 minute

Theme: Numbers and Numeration (M-07-011)	CODE: A25	Theme: Numbers and Numeration (M-07-012)	CODE: A26
Lesson Title: Multiplying Two Indices		Lesson Title: Dividing Two Indices	
Simplify the following. Leave your answer in index form: (a) $4^2 \times 4$ (b) $2^3 \times 24$		Complete the following sentence: When we divide two indices with the same bas	e,
	2 minutes		1½ minutes
Theme: Numbers and Numeration (M-07-012)	CODE: A27	Theme: Numbers and Numeration (M-07-012)	CODE: A28
Lesson Title: Dividing Two Indices		Lesson Title: Dividing Two Indices	
Identify the Law of Indices in the following express $a^m \div a^n = a^{m-n}$	ession:	Simplify: i) $2^4 \div 2^2$ ii) $\frac{t^6}{t^3}$	
	1½ minutes		3 minutes
Theme: Numbers and Numeration (M-07-013)	CODE: A29	Theme: Numbers and Numeration (M-07-014)	CODE: A30
Lesson Title: Multiplication and Division of Indic	es	Lesson Title: Introduction to Fractions	
Simplify: (a) $\frac{3^2 \times 3^6}{3^4 \times 3}$ (b) $\frac{2^6 \times 2^4}{2^3 \times 2^2}$ (c) $\frac{6^2 \times 6}{6^4}$	s	Draw shapes to show the following fractions: (a) $\frac{1}{3}$ (b) $\frac{3}{8}$ (c) $\frac{5}{6}$	
	4 minutes		3 minutes
			o minutos
Theme: Numbers and Numeration (M-07-015)	CODE: A31	Theme: Numbers and Numeration (M-07-016)	CODE: A32
Theme: Numbers and Numeration (M-07-015) Lesson Title: Introduction to Fractions	CODE: A31	Theme: Numbers and Numeration (M-07-016) Lesson Title: Adding fractions with the same de	CODE: A32
	mallest first):	· · · · · ·	CODE: A32 enominator

Theme:	Numbers and Numeration (M-07-016)	CODE: A33	Theme:	Numbers and Numeration (M-07-01	7) CODE: A34
Lesson	Title: Adding fractions with the same der	ominator	Lesson	Title: Adding fractions with differer	nt denominators
	e the following sentence: e fractions have the same denominator,			e the following sentence: n in which the denominator is bigg	per than the numerator is
WIICH U	to mactions have the same denominator,		Allactio	ir iir willon the denominator is bigt	gor triair the harnerator is
			known a	s a	
		447			447
		1½ minutes			1½ minutes
Theme:	Numbers and Numeration (M-07-017)	CODE: A35	Theme:	Numbers and Numeration (M-07-01	7) CODE: A36
	Title: Adding fractions with different deno			Title: Adding fractions with differer	*
2000011	riae. 7 laamig maalana man amarani aan		2000011	Tito. / taamig mactions with amorot	it donominatoro
Solve th	e problems below:		My moth	her gave me $\frac{3}{8}$ of a pawpaw, and n	ny father gave me
	2 5 2 2		$\frac{2}{8}$ of a pa	O .	
(i)	$\frac{2}{7} + \frac{5}{7}$ (ii) $\frac{2}{9} + \frac{2}{9}$		8	Γ.	
			How mu	ch pawpaw do I have in total?	
					0
		3 minutes			2 minutes
Theme:	Numbers and Numeration (M-07-017)	CODE: A37	Theme:	Numbers and Numeration (M-07-01	7) CODE: A38
	Numbers and Numeration (M-07-017) Title: Adding fractions with different deno			Numbers and Numeration (M-07-01 Title: Adding fractions with differer	· ·
	Numbers and Numeration (M-07-017) Title: Adding fractions with different deno			Numbers and Numeration (M-07-01 Title: Adding fractions with differer	· ·
Lesson	Title: Adding fractions with different denote the following sentences:	ominators	Lesson	<u> </u>	· ·
Lesson	Title: Adding fractions with different deno	ominators	Lesson Complet	Title: Adding fractions with difference the following sentence:	nt denominators
Complet a) To su	Title: Adding fractions with different denote the following sentences:	ominators ors, we need to	Lesson Complet	Title: Adding fractions with differer	nt denominators
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates.	ominators ors, we need to	Lesson Complet	Title: Adding fractions with difference the following sentence:	nt denominators
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominated	ominators ors, we need to	Complete A fraction	Title: Adding fractions with difference the following sentence:	nt denominators
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates.	ominators ors, we need to	Complete A fraction	Title: Adding fractions with difference the following sentence:	nt denominators
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates.	ors, we need to	Complete A fraction	Title: Adding fractions with difference the following sentence:	ger than the numerator is
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates.	ominators ors, we need to	Complete A fraction	Title: Adding fractions with difference the following sentence:	nt denominators
Complete a) To surfind a	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates.	ors, we need to	Complete A fraction	Title: Adding fractions with difference the following sentence:	ger than the numerator is 1½ minutes
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominates: a	ominators ors, we need to we need to find a 2 minutes CODE: A39	Complete A fraction a Theme:	Title: Adding fractions with different te the following sentence: In in which the denominator is bigg	ger than the numerator is 1½ minutes 7) CODE: A40
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denominators and Numeration (M-07-017) Title: Adding fractions with different denotes the following sentences:	ominators ors, we need to we need to find a 2 minutes CODE: A39	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following sentence:	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators.	ominators ors, we need to we need to find a 2 minutes CODE: A39	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01)	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To accomplete the complete th	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denominators and Numeration (M-07-017) Title: Adding fractions with different denotes the following sentences:	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into the following im	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denotes and Numeration (M-07-017). Title: Adding fractions with different denotes the following sentence: In in which the denominator is smaller that	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denotes and Numeration (M-07-017). Title: Adding fractions with different denotes the following sentence:	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into the following im	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denotes and Numeration (M-07-017). Title: Adding fractions with different denotes the following sentence: In in which the denominator is smaller that	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into the following im	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denotes and Numeration (M-07-017). Title: Adding fractions with different denotes the following sentence: In in which the denominator is smaller that	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into the following im	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators
Complete a) To surfind a b) To add	Title: Adding fractions with different denotes the following sentences: btract fractions with different denominators and fractions with different denominators, with different denominators, with different denotes and Numeration (M-07-017). Title: Adding fractions with different denotes the following sentence: In in which the denominator is smaller that	ominators ors, we need to we need to find a 2 minutes CODE: A39 ominators	Complet A fractio a Theme: Lesson	Title: Adding fractions with difference the following sentence: In in which the denominator is bigging. Numbers and Numeration (M-07-01) Title: Adding fractions with difference the following improper fraction into the following im	ger than the numerator is 1½ minutes 7) CODE: A40 nt denominators

Theme: Numbers and Numeration (M-07-017)	CODE: A41	Theme: Numbers and Numeration (M-07-018) CODE: A42
Lesson Title: Adding fractions with different der	nominators	Lesson Title: Subtracting fractions with the same denominators
Solve the following problems:		Solve the following problems:
(i) $\frac{1}{4} + \frac{3}{5}$		(a)
(ii) $\frac{2}{5} + \frac{2}{3}$		(b) $\frac{6}{7} - \frac{4}{7}$ (c) $\frac{10}{11} - \frac{6}{11}$
	4 minutes	4 minutes
Theme: Numbers and Numeration (M-07-019)	CODE: A43	Theme: Numbers and Numeration (M-07-020) CODE: A44
Lesson Title: Subtracting fractions with differen	t denominators	Lesson Title: Multiplication of fractions
Simplify: (i) $\frac{8}{9} - \frac{2}{3}$		Simplify: $\frac{1}{2} \times \frac{3}{8} \times \frac{2}{3}$
17 9 3		2 8 3
(ii) A man shared $\frac{5}{6}$ of his money between his 2 received $\frac{3}{4}$ of his total money, what fraction of his second son receive?		
	4 minutes	3 minutes
Theme: Numbers and Numeration (M-07-021)	CODE: A45	Theme: Everyday Arithmetic (M-07-022) CODE: A46
Lesson Title: Division of fractions		Lesson Title: Story problems on the basic operations on fractions
		Lesson Tille. Story problems on the basic operations on hactions
Simplify:		Solve the problems below:
Simplify: $a. \ \ \frac{1}{2} \div \frac{2}{3} \qquad b. \ \frac{6}{7} \div \frac{5}{6}$		
• •		Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil.
• •	4 minutes	Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil. What fraction of her money is left? (ii) Bendu wants to buy enough rice for her family's dinner. Each
• •	4 minutes CODE: A47	Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil. What fraction of her money is left? (ii) Bendu wants to buy enough rice for her family's dinner. Each member of her family eats $\frac{3}{4}$ cup of rice, and there are 8 members of her family. How many cups should she buy?
a. $\frac{1}{2} \div \frac{2}{3}$ b. $\frac{6}{7} \div \frac{5}{6}$		Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil. What fraction of her money is left? (ii) Bendu wants to buy enough rice for her family's dinner. Each member of her family eats $\frac{3}{4}$ cup of rice, and there are 8 members of her family. How many cups should she buy? 5 minutes
a. $\frac{1}{2} \div \frac{2}{3}$ b. $\frac{6}{7} \div \frac{5}{6}$ Theme: Numbers and Numeration (M-07-024)	CODE: A47	Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil. What fraction of her money is left? (ii) Bendu wants to buy enough rice for her family's dinner. Each member of her family eats $\frac{3}{4}$ cup of rice, and there are 8 members of her family. How many cups should she buy? 5 minutes Theme: Numbers and Numeration (M-07-025) CODE: A48
a. $\frac{1}{2} \div \frac{2}{3}$ b. $\frac{6}{7} \div \frac{5}{6}$ Theme: Numbers and Numeration (M-07-024) Lesson Title: Decimals to fractions	CODE: A47	Solve the problems below: (i) Marie uses $\frac{1}{4}$ of her money to buy rice, and $\frac{3}{8}$ to buy palm oil. What fraction of her money is left? (ii) Bendu wants to buy enough rice for her family's dinner. Each member of her family eats $\frac{3}{4}$ cup of rice, and there are 8 members of her family. How many cups should she buy? 5 minutes Theme: Numbers and Numeration (M-07-025) CODE: A48 Lesson Title: Fractions to decimals

	Numbers and Numeration (M-07-026)	CODE: A49	Theme: Numbers and Numeration (M-07-027) CODE	A50
Lesson	Title: Rounding off decimal numbers to	whole numbers	Lesson Title: Rounding off decimal numbers	
36.5 to t Amadu's	thematics test, Amadu and Fatmata were the nearest whole number. s answer was 36 while Fatmata's was 3 of them is correct? Give reasons.		Round to the number of decimal places given in bracket (a) 7.263 (2) (b) 73.0448 (2) (c) 0.04168 (3) (d) 0.7208 (3)	s:
		4 minutes	4 minu	utes
Theme:	Numbers and Numeration (M-07-028)	CODE: A51	Theme: Numbers and Numeration (M-07-029) CODE	A52
Lesson	Title: Rounding off whole numbers and	decimals to nearest	Lesson Title: Multiplying and dividing whole numbers an	d decimals
	(a) Round 6309 to nearest 10;		Complete the following sentence:	
	(b) Round 9672.64 to nearest 100;		To multiply or divide decimals and whole numbers by po	wers of 10,
	(c) Round 5085.12 to nearest 1000.		we move the point to the	
	(0) 1104114 0000.12 to 11041001 1000.			
		3½ minutes	1½ mi	nutes
Theme:	Numbers and Numeration (M-07-029)	CODE: A53	Theme: Everyday Arithmetic (M-07-030) CODE: A54	
Lesson by power	Title: Multiplying and dividing whole nur	mbers and decimals	Lesson Title: Review of the four operations with whole n	umbers
<i>,</i> ,	518 01 10			
Solve:	515 01 10		Solve:	
	(a) 7300÷100		Solve: (a) Add: 2096+4360+3685	
	(a) 7300÷100 (b) 5.38×1000		(a) Add: 2096+4360+3685	
	(a) 7300÷100		(a) Add: 2096+4360+3685	
	(a) 7300÷100 (b) 5.38×1000	3 minutes	(a) Add: 2096+4360+3685	ıtes
	(a) 7300÷100 (b) 5.38×1000		(a) Add: 2096+4360+3685 (b) Subtract: 840-512	utes
Solve:	(a) 7300÷100 (b) 5.38×1000 (c) 5.6÷ 10 ²	A55	(a) Add: 2096+4360+3685 (b) Subtract: 840-512 3 minu	
Solve:	(a) 7300÷100 (b) 5.38×1000 (c) 5.6÷ 10 ² Everyday Arithmetic (M-07-030) CODE: A	A55	(a) Add: 2096+4360+3685 (b) Subtract: 840-512 3 minut	
Solve:	(a) 7300÷100 (b) 5.38×1000 (c) 5.6÷ 10 ² Everyday Arithmetic (M-07-030) CODE: A	A55	(a) Add: 2096+4360+3685 (b) Subtract: 840-512 3 minutes Theme: Everyday Arithmetic (M-07-031) CODE: A56 Lesson Title: Review of addition and subtraction of decir	
Solve:	(a) 7300÷100 (b) 5.38×1000 (c) 5.6÷ 10² Everyday Arithmetic (M-07-030) CODE: A Title: Review of the four operations with	A55	(a) Add: 2096+4360+3685 (b) Subtract: 840-512 3 minutes Theme: Everyday Arithmetic (M-07-031) CODE: A56 Lesson Title: Review of addition and subtraction of decires Solve: (a) Add: 15.47+9.656	
Solve:	(a) 7300÷100 (b) 5.38×1000 (c) 5.6÷ 10² Everyday Arithmetic (M-07-030) CODE: A	A55	(a) Add: 2096+4360+3685 (b) Subtract: 840-512 3 minutes Theme: Everyday Arithmetic (M-07-031) CODE: A56 Lesson Title: Review of addition and subtraction of decire Solve:	

Theme: Everyday Arithmetic (M-07-032) CODE: A57	Theme: Everyday Arithmetic (M-07-033) CODE: A58
Lesson Title: Multiplying and dividing decimals	Lesson Title: Order of operations (BODMAS)
Solve:	What do the letters of BODMAS stand for?
i) 1.341 ÷ 0.03	
ii) 0.24 x 0.02	
,	
1½ minutes	1½ minutes
Theme: Everyday Arithmetic (M-07-033) CODE: A59	Theme: Everyday Arithmetic (M-07-034) CODE: A60
Lesson Title: Order of operations (BODMAS)	Lesson Title: Estimation
Simplify:	
a. 5.1 × (6.2 – 3)	(a) Round 63,194 to nearest Thousands;
b. $7 \times 2^3 \div 4$	(b) Estimate 828 + 43 to the nearest Tens place
c. $15 \div 3 + 4^3$	
	(a) Estimate 23,489 – 2373 to the nearest Thousands place.
4 minutes	3 minutes
Theme: Everyday Arithmetic (M-07-035) CODE: A61	Theme: Numbers and Numeration (M-07-036) CODE: A62
Lesson Title: Story problems with whole numbers and decimals	Lesson Title: Percentages
a) A trader has 500 mangoes. After selling some mangoes, the number reduced to 289. How many mangoes were sold?	What do we mean by 'percent'?
h) After recovering from illness. Mustapha tried to gain weight. For	
b) After recovering from illness, Mustapha tried to gain weight. For 7 weeks he was able to gain 0.4 kg. each week.	
7 weeks he was able to gain 0.4 kg. each week. How much did he gain in total?	
7 weeks he was able to gain 0.4 kg. each week.	1½minutes
7 weeks he was able to gain 0.4 kg. each week. How much did he gain in total? Round your answer to the nearest kilogram. 4 minutes	
7 weeks he was able to gain 0.4 kg. each week. How much did he gain in total? Round your answer to the nearest kilogram. 4 minutes	Theme: Numbers and Numeration (M-07-037) CODE: A64 Lesson Title: Percentages as fractions and decimals
7 weeks he was able to gain 0.4 kg. each week. How much did he gain in total? Round your answer to the nearest kilogram. 4 minutes Theme: Numbers and Numeration (M-07-036) CODE: A63	Theme: Numbers and Numeration (M-07-037) CODE: A64

Theme: Numl	bers and Numeration (M-07-038) CODE: A65	Theme: Numbers and Numeration (M-07-039) CODE: A66
Lesson Title: F	Fractions and decimals to percentages	Lesson Title: Identify the percentage of a given quantity
Express the fo	ollowing as a percentage:	i. Calculate 22% of Le 60,000.
i)	0.65	,
ii)	<u>4</u> _ 5	ii. Alpha was given 42% of Le 150, 000.
		Calculate the amount given to Alpha.
iii)	0.2	
	3½ minutes	3 minutes
Theme: Numl	bers and Numeration (M-07-040) CODE: A67	Theme: Numbers and Numeration (M-07-041) CODE: A68
Lesson Title: E	Express one quantity as a percentage of another	Lesson Title: Percentage increase
a) b)	In a mathematics lesson, 5 pupils are absent from a class of 25 pupils. What percentage of the class is absent? 7 out of every 10 people have watched a football match at the National Stadium. What is this as a percentage?	What do we mean by 'increase'?
	3 minutes	1 minute
Theme: Numl	bers and Numeration (M-07-041) CODE: A69	Theme: Numbers and Numeration (M-07-042) CODE: A70
Loccon Title, D	5	
Lesson Tille: P	Percentage increase	Lesson Title: Percentage decrease
(i)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase.	Lesson Title: Percentage decrease What is the formula for finding the percentage increase or decrease?
	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the	What is the formula for finding the percentage increase or
(i)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase. A man sells cassava in the market. One week he sold 200 bags and the next week he sold	What is the formula for finding the percentage increase or
(i) (ii)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase. A man sells cassava in the market. One week he sold 200 bags and the next week he sold 240 bags. Calculate the percentage increase.	What is the formula for finding the percentage increase or decrease?
(i) (ii)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase. A man sells cassava in the market. One week he sold 200 bags and the next week he sold 240 bags. Calculate the percentage increase. 3 minutes	What is the formula for finding the percentage increase or decrease? 1½ minutes
(i) (ii)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase. A man sells cassava in the market. One week he sold 200 bags and the next week he sold 240 bags. Calculate the percentage increase. 3 minutes	What is the formula for finding the percentage increase or decrease? 1½ minutes Theme: Numbers and Numeration (M-07-042) CODE: A72
(i) (ii)	A bag of rice cost le 150,000, and was increased to le 210,000. Calculate the percentage increase. A man sells cassava in the market. One week he sold 200 bags and the next week he sold 240 bags. Calculate the percentage increase. 3 minutes	What is the formula for finding the percentage increase or decrease? 1½ minutes Theme: Numbers and Numeration (M-07-042) CODE: A72

Theme:	Numbers	and Numeration (M-07-044)	CODE: A73	Theme:	Numbers and Numeration (M-07-045)	CODE: A74
Lesson	Title: Appl	ying percentages to problems	s with money	Lesson	Γitle: Story problems with percentages	
	i.	Francis opened a new cool- first day, his profit was Le1s day, his profit was 25% low profit the second day?	50, 000. The second	a.	Abass gets 80% correct in a test of 2 Calculate the number of questions in wrong.	
	ii.	Juliet sells lappa in the mar sold it for le15, 000 per yard of her rent increased and si increase the price of her lap	d. However, the cost ne wants to opa by 15%. What	b.	A man bought a car for Le8,000,000 later at Le6,000,000. What was the p in the value of the car?	
		will be the new price per ya	4 minutes			4 minutes