MATHEMATICS

Grade 2

English

Learner Activity Book

2020 TERM 1

Introduction

This resource pack has fifty numbered daily activities for classwork and homework. The activities correspond to the activities in the lesson plans. Answers to the activities can be written in this book.

These resources are bilingual. We hope that presenting the activities in two languages will help learners to learn the maths words in both their home language and in English. This will equip them for lifelong learning of maths.

If learners work systematically through these maths activities, they will cover the whole curriculum. Hopefully these activities will be a fun way to help them acquire this maths knowledge.

Contents

Term 1 Lesson 1

Numbers to 20

CLASSWORK

1   Write the following as numbers:

   a Five _____

   b Ten _____

   c Sixteen _____

   d Twenty _____

2   Write the number name for 17. _____

3   Which number is smaller? 18 or 13? _____

4   Which number is greater? 11 or 17? _____

5   Write the numbers from smallest to biggest: 15, 12, 14, 11, 13.

_____

EXTENSION

1   Write eighteen as a number symbol. _____

2   Write 14 as a number name.   _____

3   Which number is smaller? 20 or 12?_____

4   Write the numbers from biggest to smallest: 15, 12, 14, 11, 13.

    _____

Term 1 Lesson 2

Numbers up to 99

CLASSWORK

1 Counting on a number board.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2 Write these numbers using tens and ones.

a 12 _____

b 27 _____

c 82 _____

d 79 _____

3 What is 10 more than 11? _____

4 What is 10 less than 17? _____

5 Fill in the missing number: 17 = 10 + _____

6 Complete the table by writing numbers as tens and ones. The first row is complete.

18	=	10	+	8
56	=		+	
21	=		+	
48	=		+	
99	=		+	

EXTENSION

1   What is: 5 more than 20? _____

2   What is: 5 less than 30? _____

3   Complete the table by writing numbers as tens and ones. The first row is complete.

43	=	40	+	3
27	=		+	
74	=		+	
68	=		+	
39	=		+	

Term 1 Lesson 3

Numbers up to 99

CLASSWORK

1 Fill in the missing number:

   a 13 = 10 + _____

   b 21 = 20 + _____

   c 34 = 30 + _____

   d 26 = 20 + _____

2 Circle the bigger number:

   a 16 or 22

   b 20 or 32

   c 42 or 24

   d 50 or 35

   e 18 or 38

3   Circle the smallest number:

   a   6 or 9

   b   24 or 25

   c   32 or 22

   d   18 or 27

   e   55 or 35

EXTENSION

1   What is 10 more than 3? _____

2   What is: 10 more than 20? _____

3   Complete the following:

   a   14 = 10 + _____

   b   32 = 30 + _____

   c   24 = 20 + _____

   d   16 = 10 + _____

Term 1 Lesson 4

Expanded notation

CLASSWORK

1 Show the number 15 on the place value table below:

Tens	Ones
tens	ones

2 7 tens + 3 ones = _____

3 6 tens + 8 ones = _____

4 82 = 80 + _____

5 55 = _____ + _____

6 90 + _____ = 93

7 _____ + 6 = 66

8 _____ + 9 = 59

EXTENSION

1 7 tens + 5 ones = _____

2 5 tens + 0 ones = _____

3 67 = _____ tens + _____ ones

4 89 = _____ tens + _____ ones

Term 1 Lesson 5

Consolidation

1   Colour 58 circles.
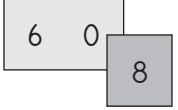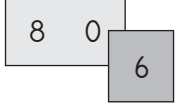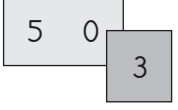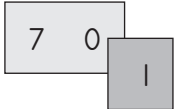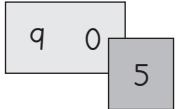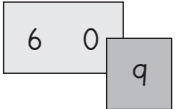
How many tens? _____

How many ones? _____

2   Write the answer. The first one has been done for you.

6 0 8 60 + 8 = 68	8 0 6 _____	5 0 3 _____
7 0 1 _____	9 0 5 _____	6 0 9 _____

3   Complete the following:

a   14 = _____ + _____

b   23 = _____ + _____

c   32 = _____ + _____

d   50 = _____ + _____

e   99 = _____ + _____

Term 1 Lesson 6

The concept of 100

CLASSWORK

1   What is …?

    a   The number that is 10 more than 40 _____

    b   The number that is 10 less than 90 _____

    c   The number that is 10 more than 70 _____

    d   The number that is 10 less than 10 _____

2   Complete the following patterns:

①	67	68			71		73
②	40		60	70		90	
③	5	10	15		25		
④	100		98	97		95	
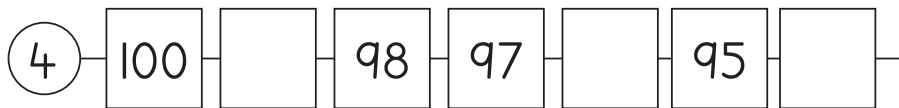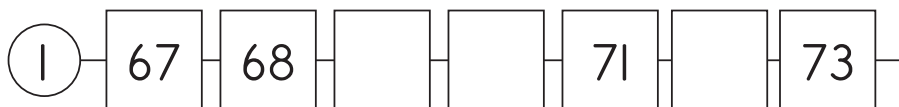
3 Complete:

    a 10 + 40 = _____

    b 50 + 30 = _____

    c 20 + 70 = _____

    d 100 – 60 = _____

    e 30 – 10 = _____

EXTENSION

Complete:

a 30 + 70 = _____

b 60 + 40 = _____

c 10 + 80 = _____

d 90 – 50 = _____

e 100 – 20 = _____

Term 1 Lesson 7

Comparing and sequencing numbers

CLASSWORK

1 Arrange these numbers from the smallest to the biggest: 30, 25, 29, 21.

_____

2 Give two numbers that are bigger than 25. _____

3 Give two numbers that are smaller than 25. _____

4 Complete the pattern: 90, _____, 92, 93, _____, _____, 96, _____, 98, 99, _____.

5 Circle the numbers that are smaller than 30 and bigger than 24.

20	21	22	23	24	25	26	27	28	29	30

6 Circle the numbers that are smaller than 40 and bigger than 36.

30	31	32	33	34	35	36	37	38	39	40

7 Write the number name for 32. _____

8 Write the number name for 48. _____

EXTENSION

1   Write the number name for 45. _____

2   Complete the following: 30 + _____ = 38.

3   Arrange these numbers from the biggest to the smallest: 93, 97, 95, 96, 94.

_____

Term 1 Lesson 8

Assessment

Term 1 Lesson 9

Comparing and ordering numbers

CLASSWORK

1   Write the number names for 65, 82, 49 and 98.

_____

2   Fill in the missing numbers on the number line.

60	61								70
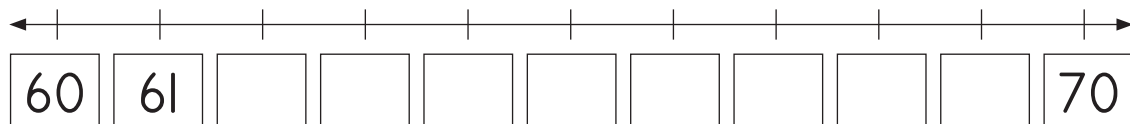
    a   Circle all the numbers on the number line that are greater than 68.

    b   Cross out all the numbers smaller than 65.

3   Complete the following:

    a   20+ _____ = 29

    b   40 + 4 = _____

4   Fill in the missing numbers:

0, 10, _____, _____, _____, 50, _____, _____, _____, _____, 100.

5   Write down the numbers 68 and 70. What is:

    a   the number that comes between them? _____

    b   the number that is 2 less than 68? _____

    c   the number that is 1 less than 70? _____

EXTENSION

1   Complete the pattern: 68, 69, _____, 71, _____, _____.

2   $50 + 6 =$ _____

3   $70 + 3 =$ _____

4   What is two more than 71? _____

5   What is two less than 71? _____

Term 1 Lesson 10

Consolidation

1 Fill in the missing multiples of 10:

a 10 , 20, 30, _____, _____, 60, _____, _____, _____, 100

b 100, 90, 80, _____, _____, _____, _____, _____, _____, 10.

c _____, _____, _____, _____, _____, 50 , _____, _____ , 20 , _____.

2 Complete the number lines.

a

| 30 | | | | | 35 | | 37 | | | 40 |

b

| 80 | | | 82 | | | 86 | | | | 90 |
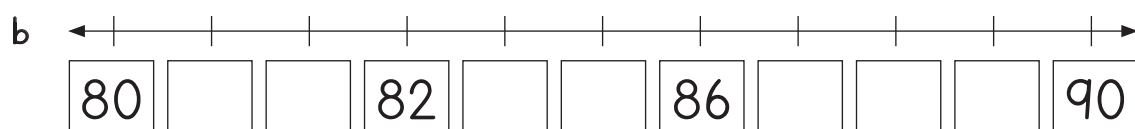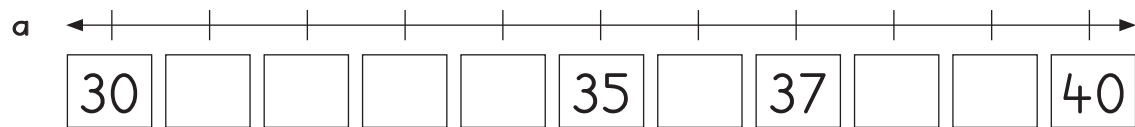
3 Complete the place value table:

Tens	Ones
_____ tens	_____ ones
_____	

4 20 + _____ = 27

5 _____ + 4 = 44

6 60 + 6 = _____

7 50 + _____ = 59

8 _____ + 2 = 82

9 _____ + 3 = 33

Term 1 Lesson 11

Number sequences up to 100

CLASSWORK

1   If 2 children stand in front of the class, how many fingers will you see?

_____

2   If 3 children stand in front of the class, how many fingers will you see?

_____

3   Continue the patterns of 10:

   a   10, 20, 30, _____, _____.

   b   30, 40, 50, _____, _____.

   c   100, 90, 80, _____, _____.

   d   70, 60, 50, _____, _____.

4   Complete the table:

5 more than:	5 less than:
a 10 is _____	e 5 is _____
b 35 is _____	f 15 is _____
c 50 is _____	g 30 is _____
d 85 is _____	h 100 is _____

EXTENSION

1   Complete the pattern of 10:

10, 20, 30, _____, _____, _____, _____, _____, _____, 100.

2   Fill in the missing numbers: 5, 10, _____, _____, _____, 30, _____, 40.

3   Continue the pattern:

a   60, 50, _____, _____, _____.

b   90, 80, _____, _____, _____, 40, _____, _____.

c   50, 45, _____, 35 , _____, _____, 20.

Term 1 Lesson 12

Number sequences up to 100

CLASSWORK

1 Write these numbers from the greatest to the smallest: 53, 59, 54, 56.

_____

2 Give two numbers that are greater than 56, but not bigger than 60.

_____

3 Give two numbers that are smaller than 54, but not smaller than 51.

_____

4 Write the number name for the number that is greater than 54, but smaller than 56.

_____

5 What is the value of the 3 in 73? _____

6 What is the value of the 7 in 75? _____

7 Complete the following:

a 7 less than 80 is _____ .

b 7 more than 57 is _____ .

EXTENSION

1   Complete the pattern: 68, 69, _____, 71, _____, _____ .

2   What is 7 less than 75? _____

3   What is two more than 71? _____

4   Thabo has 60 marbles. He finds 7 more. How many does he now have

     altogether?

     _____

Term 1 Lesson 13

Building up and breaking down numbers

CLASSWORK

1 Circle the following numbers on the number line 10, 30, 40, 70, 90.

2 Solve the following:

a 30 + 10 = _____

b 50 + 10 = _____

c 90 + 10 = _____

d 90 – 10 = _____

e 60 – 10 = _____

f 40 – 10 = _____

3   Complete the following:

a   90 + _____ =100

b   50 + _____ =100

c   40 + _____ =100

d   30 + _____ =100

e   20 + _____ =100

EXTENSION

Complete the following:

a   60 + 10 = _____

b   40 + 10 = _____

c   70 – 10 = _____

d   30 – 10 = _____

e   20 + _____ = 100

Term 1 Lesson 14

Assessment

Term 1 Lesson 15

Consolidation

1   Complete:

    a 40 + _____ = 100

    b 30 + _____ = 100

    c _____ + 50 = 100

2   Complete:

    a Which number is two less than 14? _____

    b Which number is two more than 26? _____

    c Which number is five more than 70? _____

    d Which number is ten more than 90? _____

    e Which number is five less than 55? _____

    f Which number is ten less than 100? _____

3   3 more than 30 is _____ .

4   Fill in the missing numbers:

   30, 40, _____, _____, _____, 80, _____, 100.

5   Complete:

   a   6 groups of 10 is _____

   b   36 has _____ groups of 10 and _____ ones

   c   48 has _____ groups of 10 and _____ ones

6   Complete the pattern: 40, 50, _____, 70, _____, _____.

7   What is 3 less than 30? _____

8   What is 5 more than 75? _____

9   7 groups of 10 is _____

Term 1 Lesson 16

Addition and subtraction

CLASSWORK

1 What is …?

    a 5 tens + 1 one = _____

    b 4 tens + 2 ones = _____

    c 6 tens + 8 ones = _____

2 Calculate using your base ten kit. Record the answers in the place value tables.

    a 30 + 4 = _____

Tens	Ones
_____ tens	_____ ones
_____	

    b 50 + 8 = _____

Tens	Ones
_____ tens	_____ ones
_____	
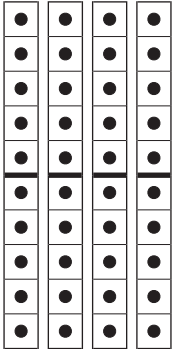
c   26 – 6 = _____

Tens	Ones
_____ tens	_____ ones
_____	

EXTENSION

1   5 tens + 7 ones = _____.

2   What sum is shown in the place value table? Write it into the table at the bottom.

Tens	Ones
_____ tens	_____ ones
_____	

Term 1 Lesson 17

Addition and subtraction with number lines

CLASSWORK

1   Complete the following:

a   30 + 9 = _____

b   5 tens + 3 ones = _____

c   Write the answer in words: 7 tens + 6 ones =

_____

d   6 tens + 5 ones = _____

e   47: _____ tens + _____ ones = _____

f   72: _____ tens + _____ ones = _____

2   Using a number line show the following:

   a   50 + 5 = _____   ⟵⟶

   b   42 – 2 = _____   ⟵⟶

   c   60 + 8 = _____   ⟵⟶

   d   39 – 9 = _____   ⟵⟶

EXTENSION

1   Write the answer in words: 6 tens + 3 ones = _____.

2   5 tens + 7 ones = _____.

3   Show 40 + 4 = _____ using a number line:

   ⟵⟶

Term 1 Lesson 18

Assessment

Term 1 Lesson 19

Addition and subtraction of multiples of 10

CLASSWORK

Calculate using your base ten kit. Record your answer in the place value table.

1   30 + 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

2   40 – 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

3   80 – 20 = _____

Tens	Ones
_____ tens	_____ ones
_____	

4   60 + 30 = _____

Tens	Ones
_____ tens	_____ ones
_____	

5   40 + 40 = _____

Tens	Ones
_____ tens	_____ ones
_____	

EXTENSION

Calculate. Record your answer in the place value table.

1   50 + 10 =_____

Tens	Ones
_____ tens	_____ ones
_____	

2   40 − 20 =_____

Tens	Ones
_____ tens	_____ ones
_____	

Term I Lesson 20

Consolidation

1   Complete:

    a 4 tens + 7 ones = _____

    b 74: _____ tens + _____ ones = _____

    c 55: _____ tens + _____ ones = _____

2   Use your base kits to show the numbers, then complete the place value tables.

    a 18

Tens	Ones
_____ tens	_____ ones
_____	

    b 55

Tens	Ones
_____ tens	_____ ones
_____	

c   37

Tens	Ones
_____ tens	_____ ones
_____	

d   80

Tens	Ones
_____ tens	_____ ones
_____	

e   66

Tens	Ones
_____ tens	_____ ones
_____	

3   Complete the following:

a   20 + 10 = _____

b   40 – 20 = _____

c   70 – 30 = _____

   d 90 + 10 = _____

   e 70 – 60 = _____

4 What is 10 more than:

   a 20 _____

   b 10 _____

   c 40 _____

   d 50 _____

   e 70 _____

5 What is 10 less than:

   a 10 _____

   b 30 _____

   c 60 _____

   d 80 _____

   e 100 _____

Term 1 Lesson 21

Addition and subtraction

CLASSWORK

Calculate using your base ten kit. Record your answers in the place value tables.

a 43 + 6 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 28 − 7 =_____

Tens	Ones
_____ tens	_____ ones
_____	

c 31 + 5 = _____

Tens	Ones
_____ tens	_____ ones
_____	

d 36 − 4 = _____

Tens	Ones
_____ tens	_____ ones
_____	

e Sam has 26 marbles. He loses 6. How many marbles does he have left?

Tens	Ones
_____ tens	_____ ones
_____	

EXTENSION

Calculate using your base ten kit. Record your answers in the place value tables.

a 23 + 5 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 47 − 7 = _____

Tens	Ones
_____ tens	_____ ones
_____	

c Tom has 32 pencils. Gabi gives him another 4 pencils. How many pencils does he have altogether?

Tens	Ones
_____ tens	_____ ones
_____	

Term 1 Lesson 22

Addition and subtraction

CLASSWORK

Calculate using your base ten kit. Record your answers in the place value tables.

a 33 + 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 48 – 20 = _____

Tens	Ones
_____ tens	_____ ones
_____	

c   21 + 30 = _____

Tens	Ones
_____ tens	_____ ones
_____	

d   16 − 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

e   Use the number line below to solve this word problem.

Thabo has 24 mini cars. His brother gives him another 10. How many mini cars does he have altogether?

EXTENSION

Calculate using your base ten kit. Record your answers in the place value tables.
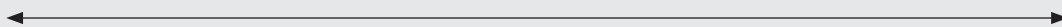
a 44 + 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 27 – 10 = _____

Tens	Ones
_____ tens	_____ ones
_____	

c Use the number line below to solve this word problem.

Jabu has 14 sweets. He gives Lulu 10 sweets. How many sweets does he have left?

Term 1 Lesson 23

Assessment

Term 1 Lesson 24

Addition and subtraction

CLASSWORK

1   Complete the following:

   a   3 tens + 3 ones = _____

   b   6 tens + 8 ones = _____

   c   82 = 80 + _____

   d   55 = _____ + _____

   e   90 + _____ = 93

   f   _____ + 6 = 66

   g   _____ + 9 = 59

2   Complete using tens and ones:

   a   14 = _____ + _____

b 23 = _____ + _____

c 32 = _____ + _____

d 50 = _____ + _____

e 99 = _____ + _____

3 Calculate using your base ten kit. Record your answers in the place value tables.

a 40 + 20 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 80 − 40 = _____

Tens	Ones
_____ tens	_____ ones
_____	

EXTENSION

Complete using tens and ones:

1   $24 = $ _____ $+$ _____

2   $45 = $ _____ $+$ _____

3   $80 + $ _____ $= 83$

4   _____ $+ 6 = 66$

5   _____ $+ 9 = 59$

6   Busi has 7 suckers. She buys another 5 suckers. How many does she have altogether?

   _____

Term 1 Lesson 25

Consolidation

1   Complete:

a   5 tens + 6 ones = _____

b   64: _____ tens + _____ ones = _____

c   35: _____ tens + _____ ones = _____

d   7 tens and 8 ones = _____

e   90: _____ tens + _____ ones = _____

2   Calculate using your base ten kit. Record your answers in the place value tables.

a   40 + 30 = _____

Tens	Ones
_____ tens	_____ ones
_____	

b 70 − 40 = _____

Tens	Ones
_____ tens	_____ ones
_____	

c 36 + 3 = _____

Tens	Ones
_____ tens	_____ ones
_____	

d 77 − 6 = _____

Tens	Ones
_____ tens	_____ ones
_____	

e   34 + 20 = _____

Tens	Ones
_____ tens	_____ ones
_____	

f   75 – 20 = _____

Tens	Ones
_____ tens	_____ ones
_____	

3   Complete using tens and ones:

a   45 = _____ + _____

b   83 = _____ + _____

c   52 = _____ + _____

d   80 = _____ + _____

e   69 = _____ + _____

Term I Lesson 26

Column addition

CLASSWORK

Calculate the following using base ten kits. Record your solutions using tens and ones columns.

a   74 + 23 = _____

b   35 + 54 = _____

c   46 + 32 = _____

d   11 + 28 = _____

e   27 + 41 = _____

EXTENSION

Calculate the following:

a   61 + 25 = _____

b   43 + 12 = _____

c   34 + 15 = _____

Term 1 Lesson 27

Column addition

CLASSWORK

Solve the following using the column method:

a   12 + 17 = _____   b   40 + 10 =_____

c   53 + 6 = _____   d   14 + 32 = _____

e   11 + 78 = _____

EXTENSION

Solve the following using the column method:

a   51 + 23 = _____

b   35 + 24 = _____

c   27 + 41 = _____

Term 1 Lesson 28

Addition using a number line

CLASSWORK

Calculate the following using the column method and a number line:

a   78 + 11 = _____

◄───►

b   61 + 25 = _____

◄───►

c   33 + 21 = _____

EXTENSION

Calculate the following using the column method and a number line:

a 34 + 15 = _____

b 67 + 11 = _____
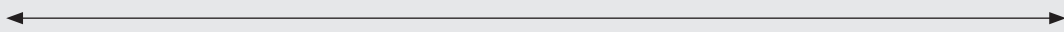
Term 1 Lesson 29

Assessment

Term 1 Lesson 30

Consolidation

Calculate using the column method:

a 64 + 12 = _____

b 55 + 14 = _____

c 61 + 13 = _____

d 54 − 12 = _____

e 67 − 16 = _____

Term 1 Lesson 31

Column subtraction

CLASSWORK

Calculate the following using the column method:

a   35 – 12 =_____

b   88 – 16 =_____

c   69 – 28 =_____

d   76 – 33 =_____

e   98 – 72 =_____

EXTENSION

Calculate the following using the column method:

a   77 – 65 = _____

b   86 – 51 = _____

c   67 – 13 = _____

Term 1 Lesson 32

Column subtraction

CLASSWORK

Calculate the following using the column method:

a $34 - 10 =$ _____

b $28 - 18 =$ _____

c $50 - 40 =$ _____

d $45 - 42 =$ _____

e $69 - 7 =$ _____

EXTENSION

Calculate the following using the column method:

a   53 – 23 = _____

b   35 – 20 = _____

c   47 – 31 = _____

Term 1 Lesson 33

Subtraction using a number line

CLASSWORK

Complete the following using the column method and a number line:

a   38 − 27 = _____

b   67 − 13 =_____

c   76 − 33 = _____

EXTENSION

Complete the following using the column method and a number line:

a   98 – 72 = _____
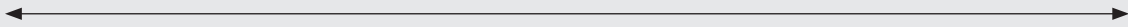
b   77 – 65 = _____
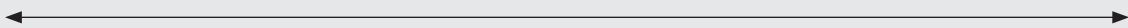
Term 1 Lesson 34

Addition using bar diagrams

CLASSWORK

1   Thoko has 11 green marbles and 5 yellow marbles. How many marbles does Thoko have altogether?

    _____

2   Thoko has 14 apples. Silo has 4 more apples then Thoko. How many apples does Silo have?

    _____

3   Thoko had 4 mangos and her mother gave her 13 mangos. How many mangos does Thoko have now?

    _____

EXTENSION

Solve the following addition problem:

Thembi has 10 dolls. Thandi has 5 more dolls then Thembi. How many dolls does Thandi have?

_____

Term 1 Lesson 35

Consolidation

1   Complete the following:

65 – 32 = (60 + _____) – (30 + _____)

= (60 – _____) + (5 – _____)

= 30 + 3

= _____

2   Calculate 65 – 44 = _____ using the column method.

3   Calculate 89 – 60 = _____ using the column method.

4   Show 67 – 17 = _____ using the number line.

<--->

5   Calculate 55 – 42 = _____ using the column method.

6   Show 80 – 13 = _____ using the number line.

<--->

Term 1 Lesson 36

Subtraction using bar diagrams

CLASSWORK

1   Thoko had 17 beans in total and gave 5 of them to her sister. How many beans does Thoko have now?

_____

2   Nosisi has 16 carrots and Sipho has 5 less than her. How many carrots does Sipho have?

_____

3   Nomonde has 16 marbles in total. Three of them are pink and the rest is red. How many red marbles does she have?

_____

EXTENSION

Solve this word problem:

John has 18 pencils. He loses 5. How many pencils does he have?

_____

Term 1 Lesson 37

More bar diagrams

CLASSWORK

1   Moosa has 14 pens in total. Eight of them are blue and the rest are red. How many red pens does he have?

_____

2   George has 8 bananas. Joe had 4 more. How many more bananas does Joe have?

_____

EXTENSION

Solve the following word problem.

Anna has 18 apples in total. Nine of them are red and the rest are green. How many green apples does she have?

_____

Term 1 Lesson 38

Addition and subtraction

CLASSWORK

1   Calculate: $34 + 25 =$ _____   2   Calculate: $48 - 35 =$ _____

3   Thoko has 11 black pens and 7 red pens. How many pens does Thoko have altogether?

_____

EXTENSION

Solve using a number line:

1   $36 + 11 =$ _____
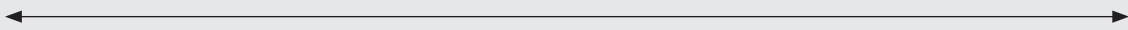
2   $58 - 15 =$ _____
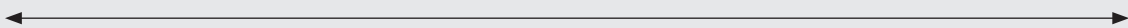
Term 1 Lesson 39

Assessment

Term 1 Lesson 40

Consolidation

1   Tim has 14 green balls and 6 yellow balls. How many balls does Tim have altogether?

_____

2   Cindy had 16 sweets in total and gave 4 of them to her friend. How many sweets does Cindy have now?

_____

3   Max has 11 marbles. Simon has 5 more marbles than Max. How many marbles does Simon have?

_____

4   Anna has 17 biscuits and Sam has 5 less than her. How many biscuits does Sam have?

_____

Term 1 Lesson 41

Length

CLASSWORK

1   Which line is shorter?

a ——————————   or   b ————————————————————

2   Which line is longer?

a ——————————   or   b ————————————————————

3   Draw a rectangle, and measure the sides using your index finger.

4   Use a pencil to measure the width of the window frame in the classroom.

5   Use your hand span to measure the length of your desk.

6   Use your step (one foot in front of the other, with no spaces in between) to measure how many steps it takes to walk around the classroom.

EXTENSION

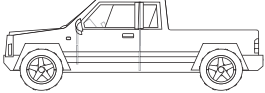1   Draw a picture of you and your friend.
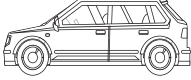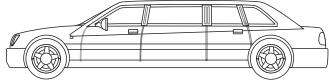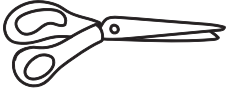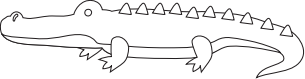
2   Is your friend taller or shorter than you?   _____

Term 1 Lesson 42

Non-standard units of length

CLASSWORK

1   Tick the box next to the longest shape.

1	4
2	5
3	6

2 About how many blocks long is each ice cream cone?

_____   _____   _____
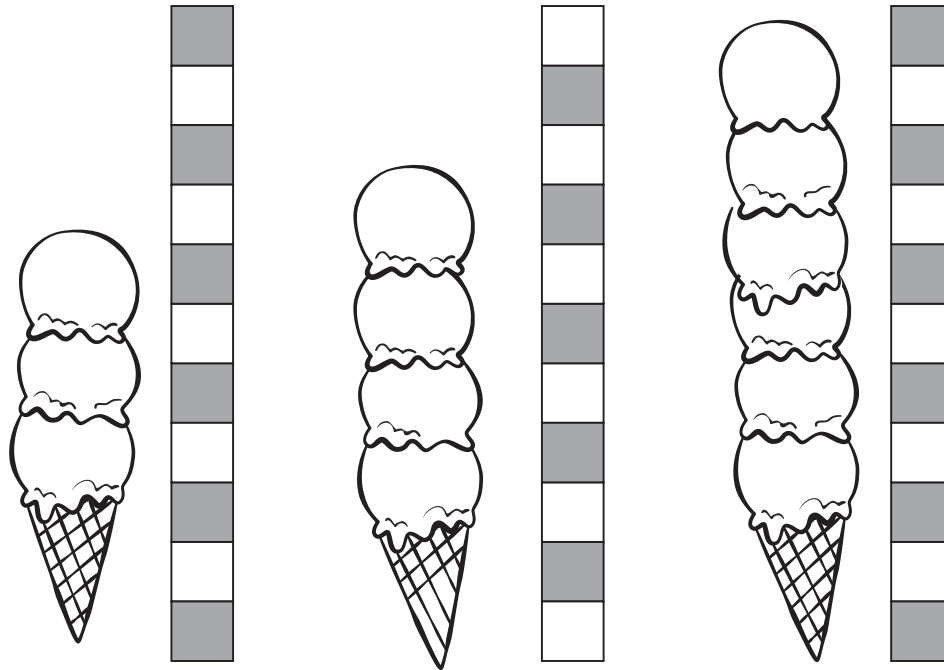
EXTENSION

Look at the drawing of a paintbrush, some paper clips and a crayon.
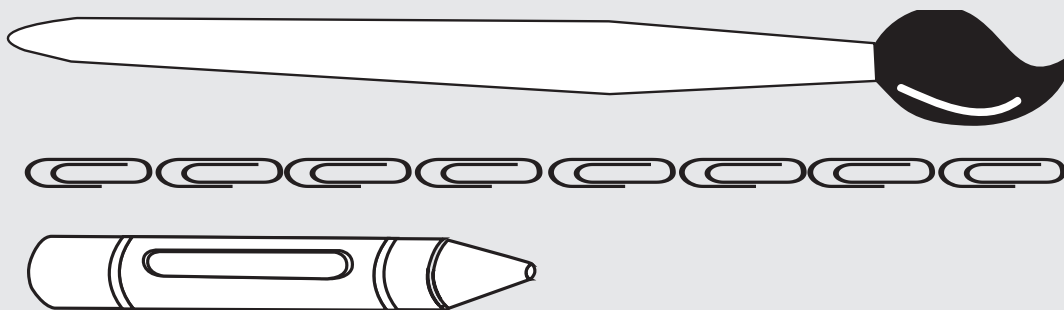
1   This paint brush is _____ paper clips long.

2   This crayon is _____ paper clips long.

Term 1 Lesson 43

Standard units of length

CLASSWORK

1   The shortest distance to throw and catch a ball is 1 m, 2 m, 3 m, 4 m or 5 m?

_____

2   The longest distance to throw and catch a ball is 1 m, 2 m, 3 m, 4 m or 5 m?

_____

3   Choose some lengths to measure at school in the lesson.
     a   List them in the table.
     b   Write in your estimation, your measurement and then the difference
         between your estimation and measurement.

Item	Estimation	Measurement	Difference

EXTENSION

1 Choose some lengths to measure at home.
2 List them in the table.
3 Write down your estimations in your table.
4 Write down your measurements and then the difference between your estimation and the measurements.

Item	Estimation	Measurement	Difference

Term 1 Lesson 44

Measuring in metres

CLASSWORK

1   Write the following items under the correct heading in the table below:
    pencil, tree, cell phone, telephone pole, lunchbox, sharpener, flagpole, fridge,
    school fence.

Length less than 1 m	Length more than 1 m

2   Nomsa's brother is 1m tall, Jabu's brother is 2 m tall. Whose brother is taller?

    _____

3   How many metres in length do you think these objects are:

    a   A car? _____

    b   A playing field? _____

EXTENSION

Look around at home. Write down 5 objects that are less than 1 m and 5 objects more than 1 m in length.

_____

_____

_____

_____

_____

_____

_____

_____

_____

Term 1 Lesson 45

Consolidation

1   Use the diagrams to decide which sides are short and which sides are long.
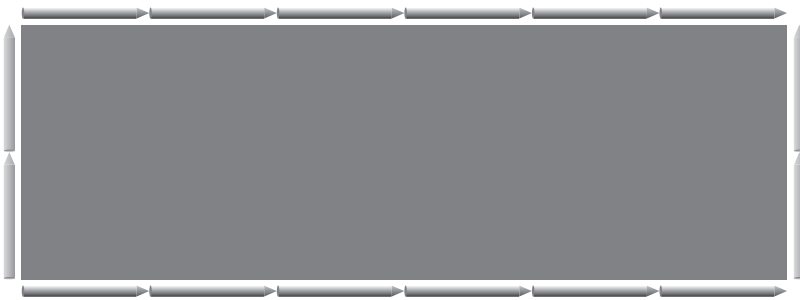
    a   The long side is _____ crayons.

    b   The short side is _____ crayons.

    c   The long side is _____ crayons.

    d   The short side is _____ crayons.

e   The long side is _____ crayons.

f   The short side is _____ crayons.
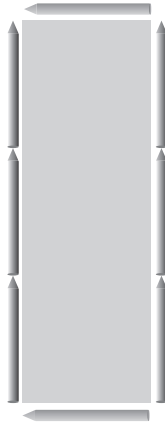
g   The long side is _____ crayons.

h   The short side is _____ crayons.

i   The long side is _____ crayons.

j   The short side is _____ crayons.

2   Work in groups with a metre stick.

  a   Choose 4 objects in the classroom.

  b   Write the names of the items in the table.

  c   Measure the length/width/height of the object using the metre stick.

Item	Measurement in metres

Term 1 Lesson 46

Length

CLASSWORK

1 Sort these object into less/more than 1 m – write them into the table below in the correct column.

A pencil, a car, a mouse, teacher's desk, a carrot, a key and a ladder.

Length less than 1 m	Length more than 1 m

2 How many metres do you think these objects are in length?

a Chalkboard – _____ m

b Height of a fridge – _____ m

c Width of a street – _____ m

3   Solve the following problem.

Mary walks 23 m to the classroom. Then she walks 15 m to her desk. How many metres did Mary walk?

_____

EXTENSION

Look around your house. Estimate the length of these objects:

1   Your bed – _____ m

2   The height of the front door – _____ m

3   The length of the sofa – _____ m

Term 1 Lesson 47

Assessment

Term 1 Lesson 48

Ordinal and cardinal numbers

CLASSWORK

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1   Refer to the hundred board to answer these questions:

   a   Circle the second number to the right of the number 70.

   b   Draw a triangle on the sixth number to the right of 70.

   c   Put a cross through the third number to the left of 70.

2   Colour the correct circle or circles:

   a   The third circle from the right.   ○○○○○○○○○○○

   b   Three circles from the right.   ○○○○○○○○○○○

   c   The fifth circle from the left.   ○○○○○○○○○○○

   d   Five circles from the left.   ○○○○○○○○○○○

   e   The eighth circle from the right.   ○○○○○○○○○○○

   f   Eight circles from the right.   ○○○○○○○○○○○

   g   The sixth circle from the left.   ○○○○○○○○○○○

   h   Six circles from the left.   ○○○○○○○○○○○

   i   Four circles from the bottom.

   j   The fourth circle from the bottom.

   k   Two circles from the top.

   l   The second circle from the top.

i	j	k	l
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○

EXTENSION

Draw 10 circles in your classwork book. Then:

a   Cross out the ninth circle from the right.

b   Draw a face in the third circle from the right.

c   Draw a triangle in the last circle from the right.

d   Colour in the first circle from the right.

e   Draw a heart in the fourth circle from the right.

f   Draw a square in the seventh circle from the right.

Term 1 Lesson 49

Assessment

Term 1 Lesson 50

Consolidation

1 In the sentence: Dad took me to the zoo.

    a Which is the eighth letter from the left? _____

    b Which is the eighth letter from the right? _____

    c What is the second word from the right? _____

    d What is the third word from the left? _____

    e What is the first word? _____

2 In the sentence: We saw lions and bucks.

    a Which is the thirteenth letter from the right? _____

    b Which is the thirteenth letter from the left? _____

    c What is the second word from the right? _____

    d What is the third word from the left? _____

e   What is the last word? _____

3   Draw the shapes on the line by following the instructions:

a   Draw a star under the fifth line from the left.
b   Draw a circle under the third line from the right.
c   Put a heart under the line seventh from the left.
d   Put a triangle under the first four lines from the left.
e   Put a square under the first two lines from the right.
f   Put a cross under the line sixth from the left.
g   Put a smiley face under the line fourth from the right.

Baseline assessment lessons, Topic 7: Measurement

LENGTH

Which train is shorter and which is longer?
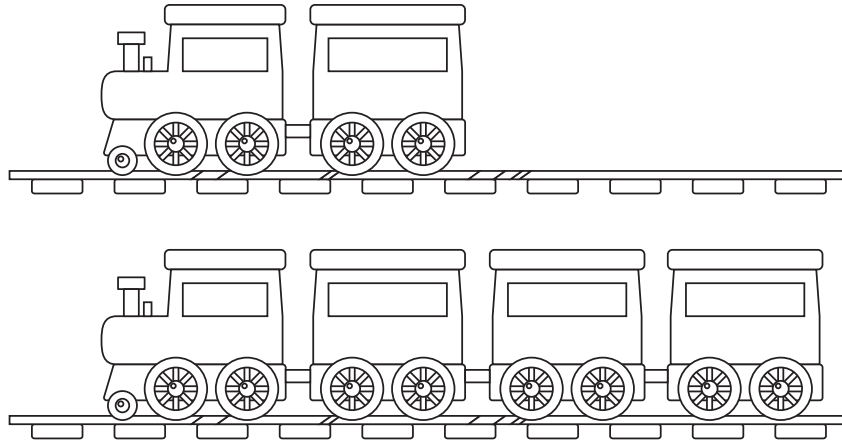
Which building is higher and which is lower?
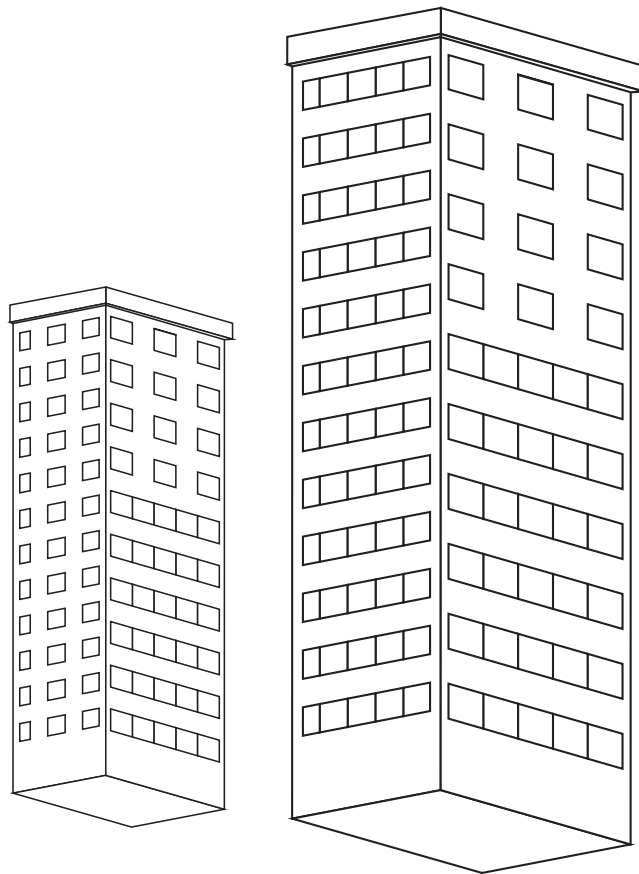
MASS

Which object is heavier?

CAPACITY

Which container is full, which is half full and which is empty?
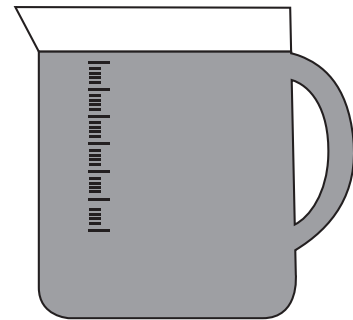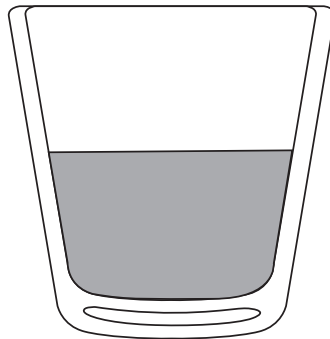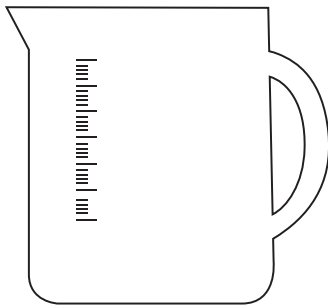
Baseline assessment lessons, Topic 8: Data Handling

1   Look at the drawings of objects. What do you see?
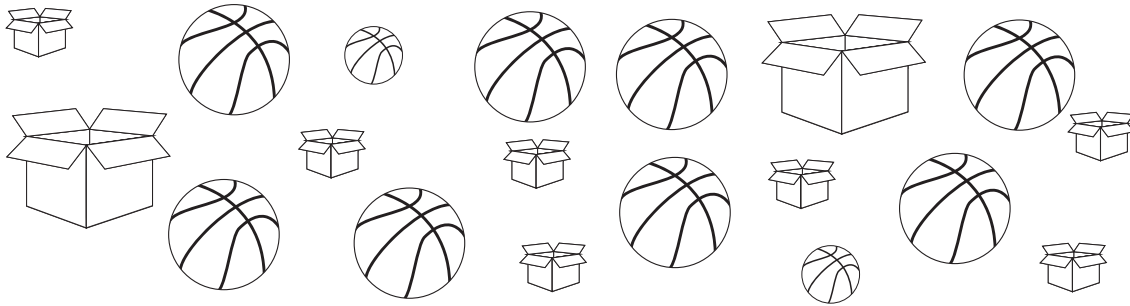
2   Sort the objects. Count how many of each kind.

small balls	big balls
small boxes	big boxes

3   Talk about other ways you can sort objects.

100 board (lesson 2 +)

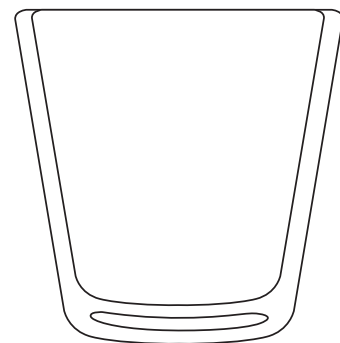| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Place value table (lesson 2 +)

Tens	Ones
_____ tens	_____ ones

Printed tens (lesson 2 +)

(Learners must cut these up into 10 strips)

Board game (lesson 12)

START

GOAL!

1000 board

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
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321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380
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461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
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541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640
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721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740
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941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000