

**TERM THREE – PRIMARY
THREEMATHEMATICS SCHEME OF
WORK**

P.3 MATHEMATICS SCHEME OF WORK FOR TERM III

W K	P D	THEME	TOPIC	SUB – TOPIC	COMPETENCES		CONTENT	MTDS	ACTIVITY	LIFE SKILLS & VALUES	T/ L AIDS	REF
					LANGUAGE	SUBJECT						

- to get the week
- Identifies that 1 day – 1 week
 - Solves the work application

14 days = 14 days
= 2 weeks

techniques

solving
Appreciation
Care

Solving the word application
Converting weeks to days

3

Completing table

The learner draws the table
Fills in the missing numbers

- Reads the given questions
- Interprets the given questions

WK	1	2	3	4	5
DS	7	<u>14</u>	<u>21</u>	<u>28</u>	<u>35</u>

1 WK = 7days
2 weeks = (2 x 7) days
= 14 days
3 x 7 = 21 days
4 x 7 = 28 days
5 x 7 = 35 days

Examples

WK	1	2	<u>5</u>	<u>6</u>	<u>8</u>
DS	7	14	35	42	56

35 ÷ 7 = 5 weeks
42 ÷ 7 = 6 weeks
56 ÷ 7 = 8 weeks

2	1			Adding days and weeks	Reads the question given Interprets the given questions Adds the days and weeks	<p>- Addition of days and weeks</p> <table style="border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Wks</td> <td style="padding-right: 20px;">Days</td> <td style="border-left: 1px solid black; padding-left: 10px;"></td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="border-left: 1px solid black; padding-left: 10px;">$3 + 2 = 5$</td> </tr> <tr> <td style="text-align: center;">+1</td> <td style="text-align: center;">2</td> <td style="border-left: 1px solid black; padding-left: 10px;">$2 + 1 = 3$</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">3</td> <td style="border-top: 1px solid black; text-align: center;">5</td> <td></td> </tr> </table> <p>- Examples</p> <p>Tom spent 4 week and 2 days planting bean and 1 week and 3 days. Planting rice. Find the total number of days and week spent planting his crops</p> <table style="border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding-right: 20px;">4</td> <td style="padding-right: 20px;">2</td> <td style="padding-right: 20px;">$2 + 3 = 5$</td> </tr> <tr> <td style="text-align: center;">+ 1</td> <td style="text-align: center;">3</td> <td style="text-align: center;">$4 + 1 = 5$</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">5</td> <td style="border-top: 1px solid black; text-align: center;">5</td> <td></td> </tr> </table>	Wks	Days		2	3	$3 + 2 = 5$	+1	2	$2 + 1 = 3$	3	5		4	2	$2 + 3 = 5$	+ 1	3	$4 + 1 = 5$	5	5									
Wks	Days																																		
2	3	$3 + 2 = 5$																																	
+1	2	$2 + 1 = 3$																																	
3	5																																		
4	2	$2 + 3 = 5$																																	
+ 1	3	$4 + 1 = 5$																																	
5	5																																		
				Subtraction of weeks and days	Reads the weeks and days correctly Subtracts the weeks and days correctly	<p>Work out</p> <table style="border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Wks</td> <td style="padding-right: 20px;">Days</td> <td style="border-left: 1px solid black; padding-left: 10px;"></td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> <td style="border-left: 1px solid black; padding-left: 10px;">$4 - 1 = 3$</td> </tr> <tr> <td style="text-align: center;">-3</td> <td style="text-align: center;">1</td> <td style="border-left: 1px solid black; padding-left: 10px;">$5 - 3 = 2$</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">2</td> <td style="border-top: 1px solid black; text-align: center;">3</td> <td></td> </tr> </table> <p>Subtract</p> <table style="border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Wks</td> <td style="padding-right: 20px;">Days</td> <td style="border-left: 1px solid black; padding-left: 10px;"></td> </tr> <tr> <td style="text-align: center;">$8 \cancel{0}$</td> <td style="text-align: center;">$7 \cancel{0}$</td> <td style="border-left: 1px solid black; padding-left: 10px;">$7 + 3 = 5$</td> </tr> <tr> <td style="text-align: center;">-4</td> <td style="text-align: center;">6</td> <td style="border-left: 1px solid black; padding-left: 10px;">$10 - 6 = 4$</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">4</td> <td style="border-top: 1px solid black; text-align: center;">4</td> <td style="border-left: 1px solid black; padding-left: 10px;">$8 - 4 = 4$</td> </tr> </table>	Wks	Days		5	4	$4 - 1 = 3$	-3	1	$5 - 3 = 2$	2	3		Wks	Days		$8 \cancel{0}$	$7 \cancel{0}$	$7 + 3 = 5$	-4	6	$10 - 6 = 4$	4	4	$8 - 4 = 4$					A new Mk bk 4 page 181 - 82
Wks	Days																																		
5	4	$4 - 1 = 3$																																	
-3	1	$5 - 3 = 2$																																	
2	3																																		
Wks	Days																																		
$8 \cancel{0}$	$7 \cancel{0}$	$7 + 3 = 5$																																	
-4	6	$10 - 6 = 4$																																	
4	4	$8 - 4 = 4$																																	
	2			Months of the year	- Identifies that 1 year has 12 months	Months of the year 12 months = 1 year	Guided discovery	Creative thinking	- Converting	Chalk board	Mk bk 3																								

			<ul style="list-style-type: none"> - The learner reads, spells and pronounces the months of the year - Writes the months of the year - Converts years to months 	<p>January = 31 days February = 28 / 29 days March = 31 days April = 30 days May = 31 days June = 30 days July = 31 days August = 31 days September = 30 days October = 31 days November = 30 days December = 31 days</p> <p>Conversation of years to months Examples How many months are in 3 years 1 year = 12 months 3 years = (3 x 12) months 3 years = 36 months</p> <p>Change 2 years to months 1 year = 12 months 2 years = (2 x 12) months = 24 months</p>	Discussion Explanation	Effective communication Logical reasoning Appreciation	years to months Reading and interpreting the word application	Illustration	pg 139
3		Conversion	- Converts	Conversion of month to year					

g month to years

- Identifies the units
- Solves the word application

Examples

Change the following to years

24 months

12 months = 1 year

24 months = $24 \div 12$

= 2 years

4

Completing the tables

- Fills in the missing numbers
- Solves to find the missing numbers
- Reads and interprets the word application

Completing the table

year	1	2	4	5	12
month	12	—	—	60	14

1 year = 12 months

2 year = 2 x 12

= 24 months

4 years = 4 x 12 **12**

= 48 month **x 4**

48

12 x 12 = 144 month

Example 2

year	1	2	3	6
month	12	24	36	72

$36 \div 12 = 3$

$72 \div 12 = 6$

Brain storming

Logical discovery

Creative thinking

Logical reasoning

Appreciation care

Reading the word application

Interpret the word application

Solving the given table

Aligning in the missing number

A chart showing year and months

Teachers resource bk

5

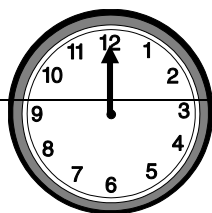
Telling time

- Differentiates the minutes hand and hour hand
- Tells the time using minutes and hours

Telling time

Use of real clock face

It is 3 O'clock



Effective communication

Logical

Real clock

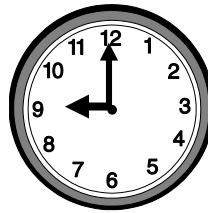
Model clocks

Understanding

Understanding

Understanding

- Identifies the given clock faces
- Reads the time



It is 9 O'clock

reasoning
Appreciation
care

bk 3
pg
84

3

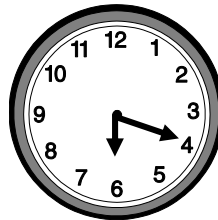
1

Telling time using half past

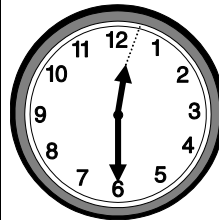
- Tells time using half past.
- Identifies 1 hour = 60minutes
- Identifies the minute and hour hand
- Tells the time
- Reads and pronounces time

Telling time using half past

Text bk teaching



It is a half past 4



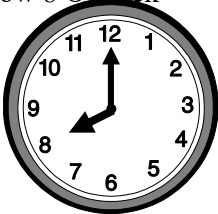
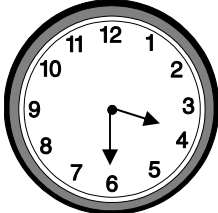
It is a half past 12

Demonstration
Guided discovery

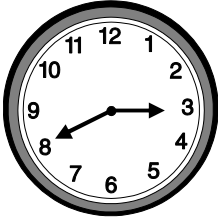
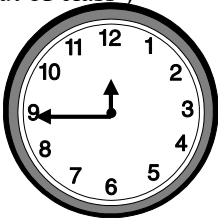
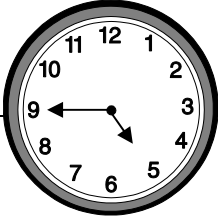
Effective communication
Appreciation
Logical reasoning

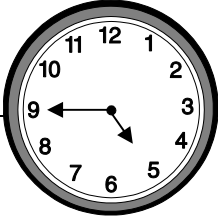
Reading the word application
Telling time using a half past
Interpreting the word application


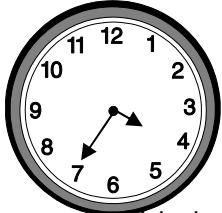
Real clock face
Model clock
Text bk understanding
mtcbk 3 pg 85

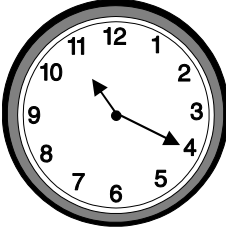
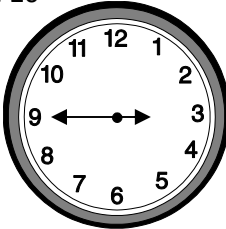
2		<p>Showing time on the clock face</p>	<p>The learner draws the clock face</p> <p>Identifies the hour hand and minute hand</p> <p>Tells the time</p> <p>Reads the time</p> <p>Shows time on clock face</p> <ul style="list-style-type: none"> - The learner identifies the minute hand and hour hand - Write the given time - Draws the clock face <p>Draws the clock face</p>	<p>Showing time on the clock face</p> <p>Examples</p> <p>Showing time on the clock face below 8 O'clock</p>  <p>A half past 3</p>  <p>Oral questions</p> <ol style="list-style-type: none"> 1. What time do you brush your teeth? Take breakfast , wake up? To go school, go to breakfast, lunch, eat supper, lunch 	<p>Brain storming</p> <p>Guided discussion</p> <p>Discussion</p>	<p>Creative thinking</p> <p>Appreciation care</p> <p>Effective communication</p>	<p>-Drawing clock face</p> <p>-Identify to minutes and hour hand</p> <p>-Writing the time using hours and minutes</p>	<p>Real clock face</p> <p>Model clocks</p>	<p>Foundation</p> <p>bkp</p> <p>g</p> <p>157</p>
---	--	--	--	--	--	--	---	--	--



3			<p>Telling time using quarter past</p>	<ul style="list-style-type: none"> - The learner draws the clock face - Identifies the minute hand and hour hand - Tells the time - Reads the time - Tells time using a quarter past 	<p>Telling the time using quarter past or 15 minutes past</p> <p>Note : when the minute hand points to 3. We say quarter past or 15 minutes past the hour.</p>  <p>It is a quarter past 7 It is 15 minutes past 7</p>	<p>Guided discovery Brain storming Discussion</p>	<p>Effective communication Critical thinking Care Love</p>	<ul style="list-style-type: none"> - Telling the time using a quarter past - Reading the words application 	<p>Clock face</p>	<p>Understanding maths book 3 pg 84 – 91</p>
4			<p>Telling time using a quarter to</p>	<ul style="list-style-type: none"> - The learner draws the clock faces - Draws the minute and hour hand using a quarter 	<p>Telling the time using a quarter to (out of class)</p>  <p>It is a quarter to 2</p> <p>It is a quarter to 5</p> 			<ul style="list-style-type: none"> - 		



	5			<p>More about telling time</p> <ul style="list-style-type: none"> - The learner identifies the minute hand and the hour hand - Reads the time - Tells using past 	<p>More about telling time (Text bk lesson)</p> <p>Telling the time</p>  <p>5 minutes to 2 O'clock</p>  <p>35 minutes to 4 O'clock</p> <p>Showing time on clock faces</p>	<p>Brain storming</p> <p>Discussion</p> <p>Demonstration</p>	<p>Effective communication</p> <p>Critical thinking</p> <p>Care</p> <p>Love</p>	<ul style="list-style-type: none"> - Telling time using past - Reading the word application - Identifying the minute and hour hand 	<p>Real clock faces</p> <p>Model clock</p>	<p>Mk bk 3 pg 133</p> <p>Understanding mathematics Bk 3 pg 89</p>	

						<p>Showing time on clock faces</p> <p>Show the time below on the clock face</p> <p>a) 25 minutes to 5</p> <p>b) 5' O'clock</p> <p>c) 6 O'clock</p>																
4	1	Culture and gender	Measuring time	<p>Telling time in digital form</p> <p>- The learner draws the clock face and tells time in digital form.</p> <p>- States the time in digital form</p>	<p>Telling time using digital form</p> <p>Examples</p>  <p>It is 20 minutes past 10</p> <p>10: 20</p> 	<p>Guided discovery</p> <p>Question and answer techniques</p>	<p>Problem solving</p> <p>Effective communication</p>	<p>- Drawing clock faces</p> <p>- Stating time in digital form</p>	<p>Real clock face</p>	<p>Mk bk 3 pg 136</p>												
	2			<p>Addition of hours and minutes</p> <p>The learner adds time without regrouping</p> <p>Solves word problem with addition</p> <p>Reads, spells and pronounces words correctly.</p> <p>Re grouping addition</p>	<p>Addition of hours and minutes</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">Add:</td> <td style="text-align: right;">Hrs</td> <td style="text-align: right;">min</td> </tr> <tr> <td></td> <td style="text-align: right;">4</td> <td style="text-align: right;">20</td> </tr> <tr> <td></td> <td style="text-align: right;">1</td> <td style="text-align: right;">30</td> </tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">5</td> <td style="text-align: right; border-top: 1px solid black;">50</td> </tr> </table> <p>I spent 2 hours 30 minutes doing a maths test and 1 hour 15 minutes doing R.E. How many hours did I so end altogether</p>	Add:	Hrs	min		4	20		1	30		5	50	<p>- Guided discovery</p>	<p>Problem solving</p> <p>Effective communication</p>	<p>Adding time without regrouping</p>	<p>- Chal k baor d illust ratio n</p>	<p>Fountain bk 4 pg 160</p>
Add:	Hrs	min																				
	4	20																				
	1	30																				
	5	50																				

				hours, minutes																																						
3			Addition of hours and minutes	<ul style="list-style-type: none"> - The learner arranges the numbers vertically - Adds and regrouping correctly - Reads, spells pronounces words like hours, minutes, regrouping , addition correctly 	<p>Addition of time with regrouping</p> <p>Examples</p> <p>Add: HrsMins</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="text-align: right;">1</td><td></td></tr> <tr><td style="text-align: right;">3</td><td style="text-align: right;">45</td></tr> <tr><td style="text-align: right;">1</td><td style="text-align: right;">15</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td style="text-align: right;">5</td><td style="text-align: right;">00</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td></td><td style="text-align: right;">60 ÷60</td></tr> <tr><td></td><td style="text-align: center;">1 rem0</td></tr> </table> <p>My father sent 5 hrs 35 minutes driving from the village to Kampala and 2 hrs 35 minutes from Kampala to Masaka. How long did my father drive?</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="text-align: right;">Hrs</td><td style="text-align: right;">min</td></tr> <tr><td style="text-align: right;">5</td><td style="text-align: right;">35</td></tr> <tr><td style="text-align: right;">2</td><td style="text-align: right;">35</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td></td><td style="text-align: right;">10</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td></td><td style="text-align: right;">70 ÷60</td></tr> <tr><td></td><td style="text-align: center;">1 rem 10</td></tr> </table>	1		3	45	1	15	<hr/>		5	00	<hr/>			60 ÷60		1 rem0	Hrs	min	5	35	2	35	<hr/>			10	<hr/>			70 ÷60		1 rem 10	<ul style="list-style-type: none"> - Guided discovery - Brain storming - Observation 	<p>Critical thinking</p> <p>Problem solving</p> <p>Effective communication</p>	<p>Arranging numbers vertically</p> <p>Adding time in hours and minutes</p>	<ul style="list-style-type: none"> - Chalkboard illustration 	<p>Fontain</p> <p>board</p> <p>4pg</p> <p>160</p>
1																																										
3	45																																									
1	15																																									
<hr/>																																										
5	00																																									
<hr/>																																										
	60 ÷60																																									
	1 rem0																																									
Hrs	min																																									
5	35																																									
2	35																																									
<hr/>																																										
	10																																									
<hr/>																																										
	70 ÷60																																									
	1 rem 10																																									
4			Changing hours to minutes	<ul style="list-style-type: none"> - The learner changes hours to minutes - States the number of minutes in an hour 	<p>Changing hours to minutes</p> <p>Change 2 hours to minutes</p> <p>1 hour = 60 minutes</p> <p>2 hours = (2 x 60) minutes</p> <p>= 120 minutes</p>	-		<p>Changing hours to minutes</p> <p>Stating</p>	-																																	

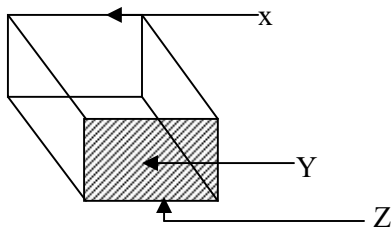
									the number of minutes in an hour		
	5			Changing minutes to hours <ul style="list-style-type: none"> - The learner changes minutes to hours - Reads, spells and pronounces words like minutes, hours correctly 	Changing minutes to hours Examples 1. Change 120 minutes to hours $1 \text{ hour} = 60 \text{ minutes}$ $\quad = 120 \text{ minutes}$ $\quad \quad 60 \text{ minutes}$ $12 \div 6$ 2 hours	guided discovery question and answer techniques	Changing minutes to hours	Chalk board illustrations	- Teachers collection		
5	1			Months of the years <ul style="list-style-type: none"> - The learner identifies the months of the year in their order - Reads, spells and writes the ordinal month of the year - Focus on pronunciation and spellings of all months 	Months of the year 12 months make a year 1 year = 12 months January = 31 days February = 28 / 29 days March = 31 days April = 30 days May = 31 days June = 30 days July = 31 days August = 31 days September = 30 days October = 31 days	Guided discovery	Problem solving	Stating the months of the year	- Real calendar and textbook	Mkbks pg 140 Understanding mat hsbk 3 pg 82	

					November = 30 days December = 31 days					and 83																					
				Finding duration	-	<p>The meeting started at 7:40am and ended at 8:50am. How long did the meeting last?</p> <p>Duration = ending time</p> <p>Starting time</p> <table style="margin-left: 20px;"> <tr> <td>Hrs</td> <td>min</td> <td></td> </tr> <tr> <td>8</td> <td>50</td> <td>50</td> </tr> <tr> <td>- 7</td> <td>40</td> <td>-40</td> </tr> <tr> <td colspan="2"><hr/></td> <td><hr/></td> </tr> <tr> <td>1</td> <td>10</td> <td>10</td> </tr> <tr> <td colspan="2"><hr/></td> <td><hr/></td> </tr> <tr> <td colspan="3" style="text-align: center;">8 – 7 = 1</td> </tr> </table> <p>1 hour 10 minutes</p>	Hrs	min		8	50	50	- 7	40	-40	<hr/>		<hr/>	1	10	10	<hr/>		<hr/>	8 – 7 = 1			Explanation Guided discovery Question and answer			- Understan ding math sBk 3 page 92
Hrs	min																														
8	50	50																													
- 7	40	-40																													
<hr/>		<hr/>																													
1	10	10																													
<hr/>		<hr/>																													
8 – 7 = 1																															
2				The calendar	<p>The learner interprets the given problem</p> <p>Identifies the age in the word application</p> <p>Reads, spells and pronounces words correctly</p> <p>Calendar</p> <p>Years</p>	<p>The calendar</p> <p>Textbook teaching Mk Bk 3 pg 138 and 139</p> <p>Note: 4 weeks</p> <p>Make a month</p> <p>12 months make a year</p> <p>52 weeks make a year</p> <p>365 days make a year.</p> <p>Finding age</p> <p>Examples</p> <p>Mike was born in 1989. How old was he in 1997</p> <p>The year is 1997</p> <p>He was born in 1989</p> <p style="text-align: right;">0008</p>	- Guided discovery	- Critical thinking - Problem solving	Identifyi ng the age in the word applicati on by subtracti ng	Real calendar and text bk pg 14 0	- M k bk pg 14 0																				

			Finding year of birth	<p>The learner,</p> <ul style="list-style-type: none"> - Reads and interprets the given statements. - Finds the year of birth correctly by subtraction 	<p>Alice is 12 years old. In which year was she born?</p> <p>2018</p> <p>- 12</p> <hr/> <p>2006</p> <p>She was in 2006</p>	<ul style="list-style-type: none"> - Explanat ion - Question and answer 	<ul style="list-style-type: none"> - Critical thinking - Problem solving 				
	3	Health in our sub – county	Measurements	Identifying simple shapes	<ul style="list-style-type: none"> - The learner identifies some simple shapes - States the number of sides of different shapes 	<p>Measurements</p> <p>Names of some simple shapes</p> <ol style="list-style-type: none"> 1. Rectangle 2. Square 3. Pentagon 4. Kite 5. Trapezium 6. Triangle 7. Circle <p>Features of a rectangle</p> <p>Has 4 sides</p> <p>Has 4 right angles</p> <p>Two opposite sides equal</p>	<p>Questions and answer techniques</p>		<p>Identifyi ng some simple shapes</p>	<p>Cut outs of some shapes</p>	

Parts of a cube or cuboid

- Identifies some solid shapes
- Draws and names solid shapes
- Names the parts of a cuboid



X – vertex
Y – face
Z – edge
Number of
Vertices = 8
Faces = 6
Edges = 12

Explanation
n
Brian
storming
Question
and answer

MK
Page
130 -
131

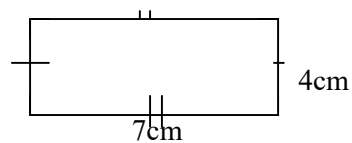
- The learner differentiates the rectangle from other shapes
- Finds the perimeter of a rectangle

Finding perimeter of a rectangle (practical lessons)

Rectangle has the length (long side) width (short side)
perimeter is the distance around the rectangle

Example

1. Find the perimeter of the rectangle below

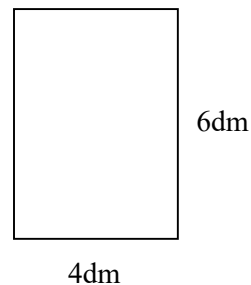


Perimeter = Add all sides

$$L + W + L + W \\ = (7+4+7+4)$$

Perimeter = 22 cm

2. Find the distance a round the rectangle below



$$\text{Perimeter} = L + W + L + W \\ = (6+ 4+ 6+ 4) \\ = 20 \text{ dm}$$

Demonstration
Guided discovery

Problem solving
Critical thinking

Finding the perimeter of the rectangle
Differentiating rectangle from other shapes

Cut outs of a rectangle
Chalk board illustration

- M
k
b
k
4
p
g
2
0
5

5

Finding area of a rectangle

- The learner finds the area of a rectangle by counting, square units and by multiplying the length and width

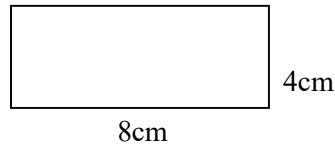
Finding area of a rectangle

Example (out of class lessons

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

18 square units

Find the area of the rectangle below



$$\begin{aligned} \text{Area} &= L \times W \\ &= (8 \times 4) \text{ CM} \\ \text{Area} &= 32 \text{ cm}^2 \end{aligned}$$

Guided discovery

Question and answer techniques

Evaluation
Problem solving

Effective communication

Critical thinking

Finding the area of a rectangle

Stating the area of a triangle in square units

Real cut outs of rectangle

6	1			<p>Properties and perimeter of a square</p>	<ul style="list-style-type: none"> - The learner finds the perimeter of the square - States the properties of a square 	<p>A square Properties Has all sides equal Has 4 right angles</p> <p>Finding perimeter of a square Examples (particular lessons) Find the perimeter of the figure below</p> <p>4 cm Perimeter = add all sides</p> <div style="display: flex; align-items: center; margin-left: 20px;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin-right: 10px;"></div> <div style="text-align: left;"> <p>(4+4+4+4)</p> <p>16cm</p> </div> </div>	<p>Guided discovery</p>		<p>Solid shapes</p>	<p>- M k b k p g 2 0 8</p>
---	---	--	--	--	--	---	-------------------------	--	---------------------	--

2

Finding area of a square

- The learner finds the area of a square by multiplying the length and the width
- Reads, spells and pronounces words like length, area, width, multiply correctly

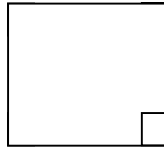
Examples

Find the area of the square below



$$A = s \times s$$
$$5\text{dm} \times 5\text{dm}$$
$$A = 25\text{dm}$$

Work out the area of the figure.



$$\text{Area} = s \times s$$
$$= 6\text{cm} \times 6\text{cm}$$
$$36\text{cm}^2$$

Guided discovery
Question and answer

Critical thinking
Problem solving
Effective communication

Finding the area of a square by multiplying the length and the width

Solid shapes

3

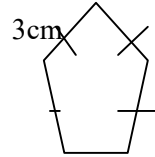
**Finding
the
distance
around
shapes**

- The learner finds perimeter of different shapes by adding all the sides
- States the formula for finding perimeter

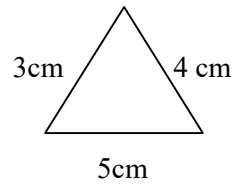
Find the distance around other shapes

Examples

Find the perimeter of the figure below



$$\begin{aligned} \text{Perimeter} &= \text{Add all sides} \\ &= (3+ 3+ 3+ 3+ 3) \text{ cm} \\ &= 15 \text{ cm} \end{aligned}$$



$$\begin{aligned} \text{Perimeter} &= \text{add all sides} \\ &= 3\text{cm} + 4\text{cm} + 5 \text{ cm} \\ &= 12 \text{ cm} \end{aligned}$$

Finding
the
perimeter
of
different
shapes

-

4

Algebra

**Finding
missing
number
with
addition**

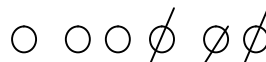
- The learner finds the missing number with addition
- Reads, spells and pronounces words like
- Algebra
- Missing numbers
- Addition correctly

Algebra

Example (practical lessons

Addition

$$\square + 3 = 6 - 3$$

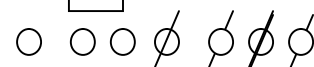


$$\square = 6 - 3$$

$$\square = 3$$

Example 2

$$4 + \square = 8 - 4$$



$$\square = 8 - 4$$

$$\square = 4$$

Kato had some hens. He was given 10 more hens. He now has 15 hens. How many hens hadkato at first?

5		<p>Finding missing numbers with subtraction</p>	<ul style="list-style-type: none"> - The learner finds the missing number with subtraction - Reads, spells and pronounces words like subtraction - Algebra 	<p>Algebra with subtraction</p> <p>Example (practical lessons)</p> $- 5 = 3$ $= 3 + 5$ $= 8$ $Y - 5 = 3$ $Y = 3 + 5$ $Y = 8$ <p>Examples</p> <p>Whitney had some mangoes. She gave me 5 mangoes and remained with 7 mangoes. How many mangoes did she have at first?</p> <p>If Whitney had <input type="text"/> mangoes then</p> $\text{input} - 5 = 7$ $\text{input} = 7 + 5$ $\text{input} = 12$ $Y - 2 = 8$ $Y = 8 + 2$ $Y = 10$	<p>Guided discovery</p> <p>Demonstration</p>	<p>Problem solving</p> <p>Critical thinking</p> <p>Interpreting</p> <p>Effective communication</p>	<p>Finding the missing number with subtraction</p>	<p>Real objects like cups, pencils</p>	<p>- Mk bk 3 pg 194 understanding maths bk 3 pg 64</p>
---	--	--	---	--	--	--	--	--	--

7	1		Find the missing number with multiplication	The learner interprets and finds the missing number with multiplication Reads, spells and pronounces words correctly Like multiplication Division	<p>Finding the un known missing number with multiplication</p> <p>Examples (practical lessons)</p> <p>$\square \times 2 = 10$ $\square = 10 \div 2$ $\square = 5$</p> <p>$8 \times \square = 32$ $\square = 32 \div 8$ $\square = 4$</p> <p>Kimono sells 9 packets of milk a day. After some days he has sold 45 packets. How many days did he sell 45 packets</p> <p>$9 \times \square = 45$ $\square = 45 \div 9$ $\square = 5$</p> <p>$9 \times a = 45$ $a = 45 \div 9$ $a = 5$</p> <p>Namale had 12 bananas. She gave away some to children. Each child got 4. Find the number of children that were given bananas</p>	Guided discovery Demonstration Explanation Question and answer technique	Problem solving Effective communication	Interpret ing and finding the missing numbers with multipli cation	Real object like cups, pencils	- M k b k 3 p g 1 9 6 - 1 9 7
---	---	--	---	--	---	---	--	--	--------------------------------	--

2			<p>Finding the missing number with division</p>	<p>The learner Finds the missing number in division Reads, spells and pronounces words like division , algebra correctly</p>	<p>Finding the missing numbers using division</p> <p>Examples</p> $\square \div 4 = 3$ $\square = 3 \times 4 = 12$ <p>Example 2</p> <p>Dorothy had some oranges. She divided them among 8 children and each got 4 oranges. How many oranges did she have altogether .</p> $\square = 4$ $\square \div 8 \times 4 = 12$ <p>Example 3</p> <p>Fill in the missing numbers</p>	<p>Guided discovery</p> <p>Question and answer technique</p>	<p>Problem solving</p> <p>Effective communication</p>	<p>Finding the missing number in division</p>	<p>Real objects like pencils, cup</p>	<p>- M k b k 3 p g 1 9 8</p>
---	--	--	--	--	--	--	---	---	---------------------------------------	--