

GRADE 3 MATHEMATICS

TERM 4 2024

Name:	
Surname:	
Grade:	
School:	
Province:	
Date of Birth:	

Instructions:

1. Read all the instructions in the question paper carefully.
2. Understand the question before answering.
3. Answer all questions.
4. Calculate accurately before answering.
5. The use of a calculator is not allowed.

Good luck

Thank you

Components		Learner mark	Mark Allocation
1	Numbers, Operations and Relationships		30
2	Patterns, Function and Algebra		7
3	Space and shape		9
4	Measurements		10
5	Data handling		4
	Total		60

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I. Numbers, Operations and Relationships

Circle the letter of the correct answer.

I.1 What is the number symbol for 2 tens, 4 hundreds and 6 units?

A. 642

B. 246

C. 426

D. 264

I.2 What is the number name for 340?

A. three hundred and four

B. three hundred and forty

C. thirty-four

D. three hundred and forty

I.3 What is 50 more than 353?

A. 453

B. 403

C. 393

D. 413

1.4 What is double 42?

A. $80 + 4$

B. $80 + 2$

C. $60 + 4$

D. $80 + 6$

1.5 What is the half of 150?

A. 60

B. 65

C. 70

D. 75

1.6 Round off 287 to the nearest ten.

A. 280

B. 285

C. 290

D. 300

1.7 Which number sentence is incorrect?

A. $5 \times 6 = 30$

B. $6 \times 3 = 19$

C. $7 \times 2 = 14$

D. $4 \times 4 = 16$

1.8 Choose the correct operation sign $375 \text{ ______ } 50 = 325$

A. $\times$

B. $\div$

C. $+$

D. $-$

1.9 a) Convert from Rands to Cents.

R5,65 = _____c

b) Draw notes and coins to represent the amount.

R25,50c =

1.10 Use the jump strategy to complete the number line.

a) $123 + 32$



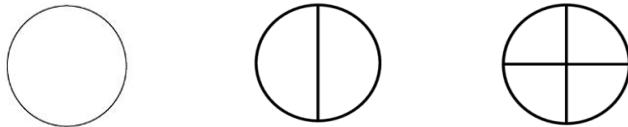
b) $142 - 25$



I.1 Use the breakdown method to complete the following sums.

a) Addition	b) Subtraction
$345 + 247 =$	$463 - 126 =$

I.12 Fractions



Tick the correct answer

a) One-half is the same as:

one quarter ☐

two quarters ☐

one whole ☐

two thirds ☐

b) Four quarters is the same as _____

I.13 Problem Solving

a) Ellen lost 57 Lego blocks.

He now has 103 Legos blanks.

How many did he have to begin with? _____

--

- b) The bike Rental Shop charges R65 per hour to rent a bike.
 Bheki paid R195 to rent a bike.
 For how many hours can he rent the bike?

hours	1		
Bike rental	R65		

He can ride the bike for _____ hours.

- c) A ticket to ride the Ferris wheel costs R24. Dad buys 4 for the family.
 He pays with R100. How much change does he get?

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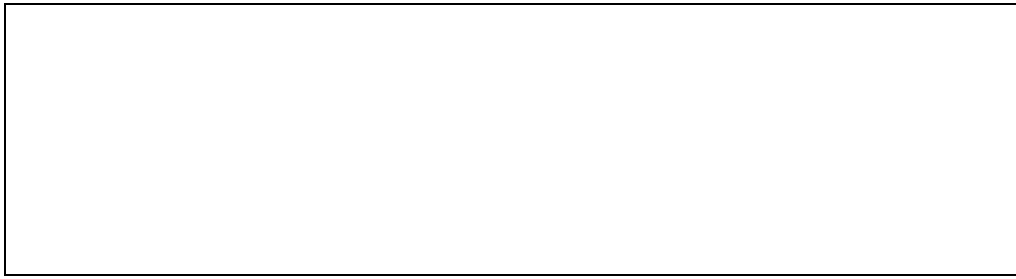
He gets _____ change.

- d) There are 4 petals on a flower. How many petals are there on 12 flowers?

flowers	1	2	3	4	5	6	7	8	9	10	11	12
petals	4											

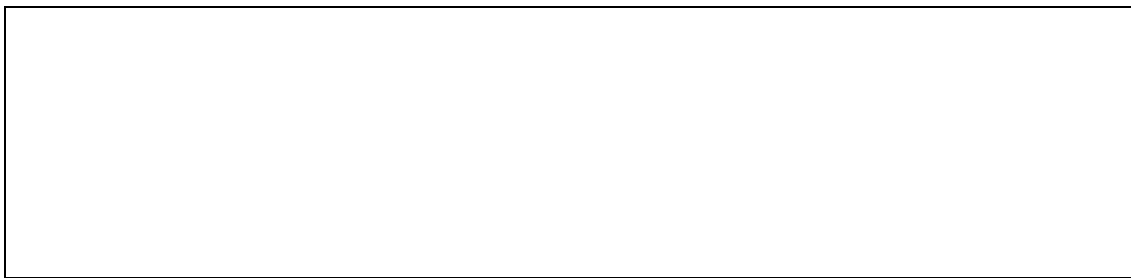
Write a number sentence: _____

- e) Janie invited 20 friends to his birthday party. A quarter of them were girls. How many were boys?



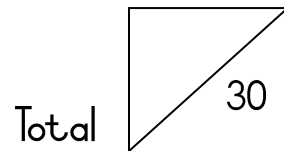
There were _____ boys.

- f) A baker bakes 30 rolls. There must be half a dozen in each pack, how many packs of rolls will there be?



Write a number sentence: _____

There are _____ packs of rolls.

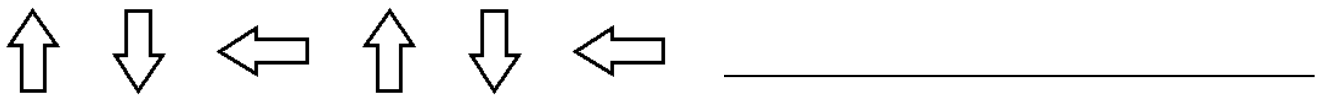


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2. Patterns, Functions and Algebra

2.1 Geometric Patterns

a) Complete the pattern.



b) Create your own geometric pattern.

2.2 Number Patterns

a) Arrange the following numbers in descending order.

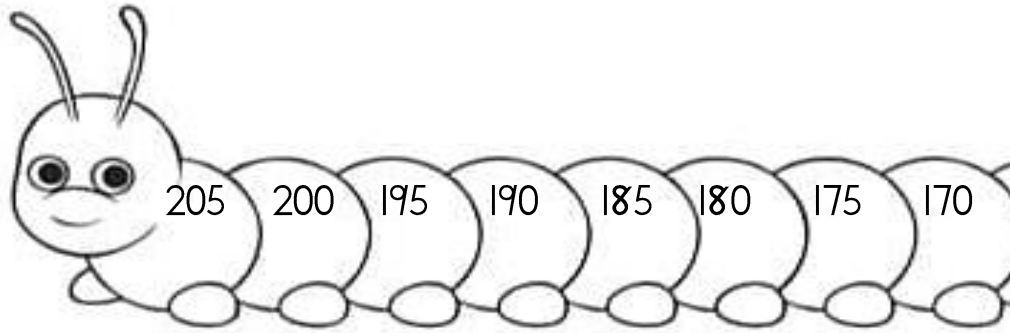
275; 725; 527; 752; 572; 257

b) Fill in the missing numbers.

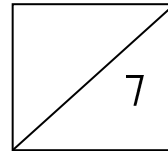
459, 449, _____, _____, 419, _____, _____

336, 339, _____, _____, _____, _____, 354

c) Describe the pattern.



Total

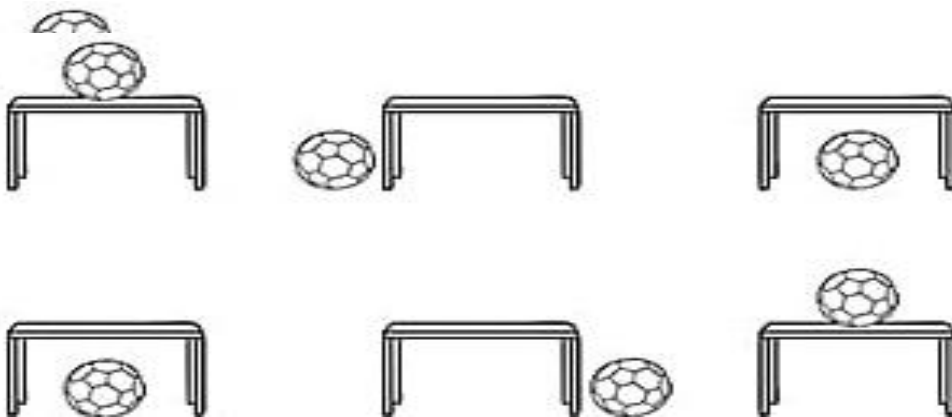


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3. Space and Shape

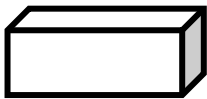
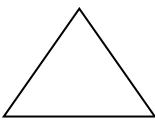
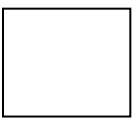
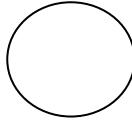
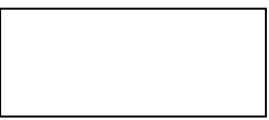
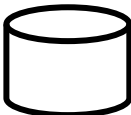
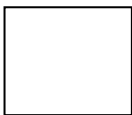
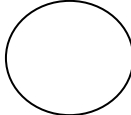
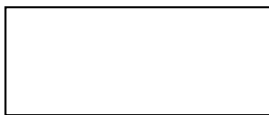
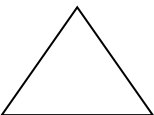
3.1 Position

Read the instructions and colour the balls accordingly.



- Circle the balls on top of the table red.
- Circle the balls under the table blue.
- Circle the balls next to the table yellow.

3.2 a) Colour the 2D shapes that make up the surfaces of the 3D shape.

b) How many surfaces/faces does a cube have? _____

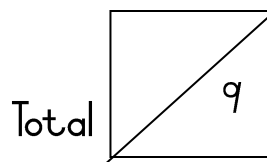
c) Does a pyramid roll or slide? _____

3.3 Complete the grid.

5					
4					
3					
2					
1					
	A	B	C	D	E

a) In which block is the milk? _____

b) Draw a cow across block A2 and B2.



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4. Measurement

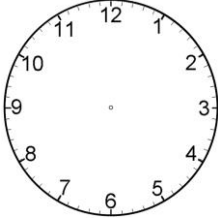
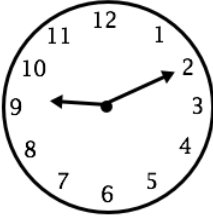
4.1 Calendar

December 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11 CLOSED 	12	13	14
15	16	17	18	19	20	21
22	23	24	25 	26	27	28
29	30	31				

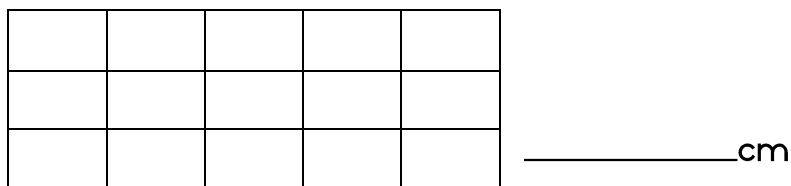
- a) How many school days are there in December? _____
- b) On which day is Christmas? _____

4.2 Time

a) Draw the time on the clock	b) Write the digital time
	
12:45	

4.3 Area

Write down the area of the block in cm.



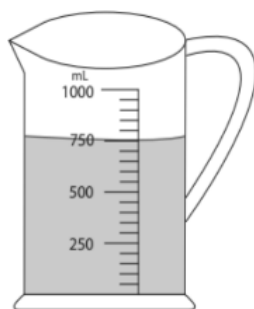
4.4 Mass

Colour the appropriate measurement for each item.

			
700g	7kg	2kg	12g

4.5 Capacity

Look at the picture and answer the question.



I need _____ ml to make 1 Litre.

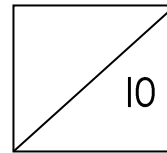
4.6 Length

Carl is 150cm tall. His dad is 25cm taller than him and his mom is 10cm shorter than his dad.

How tall is Carl's dad? _____

How tall is Carl's mom? _____

Total

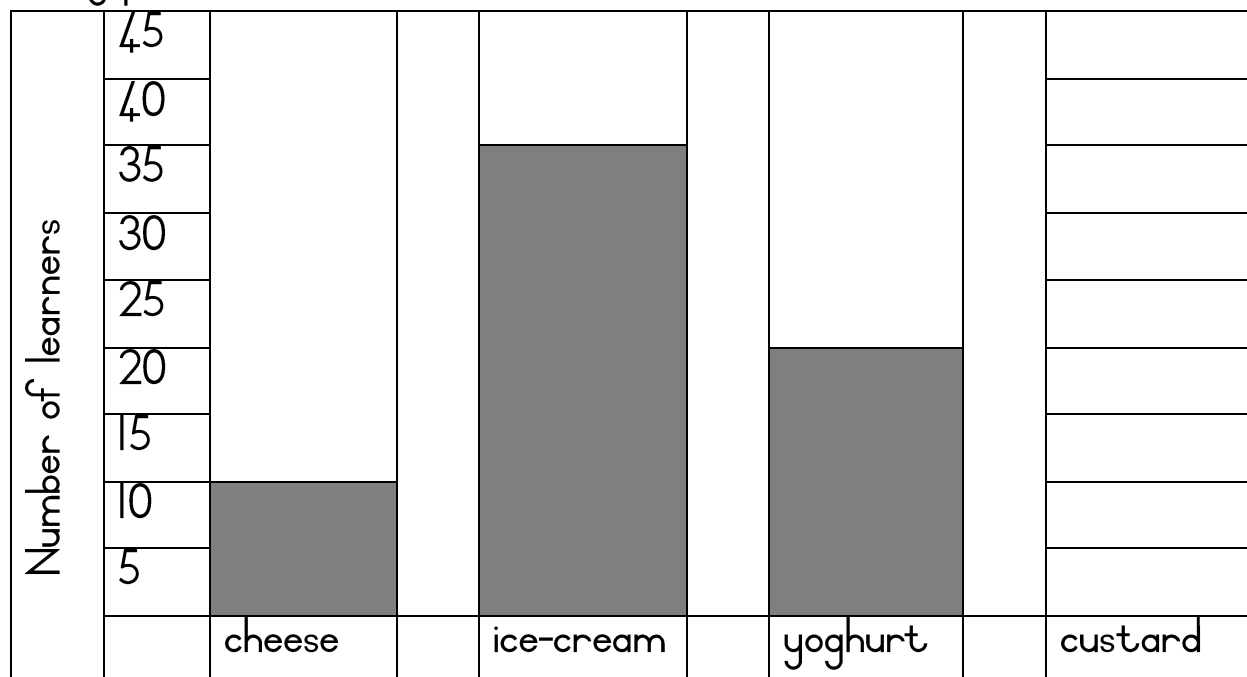


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5. Data Handling

Study the bar graph and answer the questions.

A survey was completed with the Grade 3 learners about their favourite milk by-product.



- There are 15 children who like custard. Plot it on the graph.
- What was the most liked dairy by-product? _____
- How many more learners liked yoghurt than cheese? _____
- How many learners were there altogether? _____

Total 