

## MATHEMATICS – TERM 4

### DAILY ACTIVITIES: (refer to flip-file)

- Counting forwards and backwards from 0-150 in 1's, 2's, 3's, 4's, 5's, 10's.
- Bonds up to 15.
- Time tables (1x - 5x).
- Learn to spell number names (1-100).
- Learn to spell ordinal number names (1<sup>st</sup> – 20<sup>th</sup>).
- Learn to spell 2D/3D shape names.

### NUMBERS, OPERATIONS AND RELATIONSHIPS

#### 1. Fill in > < or =

$24 \text{ _____ } 70 + 2$

$\text{double } 14 \text{ _____ } 28$

$50 + 50 \text{ _____ } 50$

$75 - 5 \text{ _____ } 70$

#### 2. Break up:

$11 = \text{ _____ } + \text{ _____ }$

$28 = \text{ _____ } + 8$

$\text{ _____ } = 50 + 7$

$73 = \text{ _____ } + \text{ _____ }$

$124 = \text{ _____ } + \text{ _____ } + \text{ _____ }$

#### 3. Place Value (Hundreds, Tens and Units):

$71 = \text{ _____ } T + \text{ _____ } U$

$6 T + 3 U = \text{ _____ }$

$6 U + 5 T = \text{ _____ }$

$44 = \text{ _____ } T + \text{ _____ } U$

#### 4. Value (how much is it worth?):

Number	Value of the underlined digit
Eg. <u>2</u> 9	20
<u>4</u> 2	
3 <u>8</u>	

## **5. Decomposition**

Eg.  $22 + 46 = 68$

$$= (20 + 2) + (40 + 6)$$

$$= (20 + 40) + (2 + 6)$$

$$= 60 + 8$$

$$= 68$$

Eg.  $98 - 43 = 55$

$$= (90 + 8) - (40 + 3)$$

(Change of sign)  $= (90 - 40) + (8 - 3)$

$$= 50 + 5$$

$$= 55$$

$24 + 62 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

$94 - 23 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

$13 + 45 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

$79 - 44 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## **6. Multiplication**

$7 \times 3 =$  \_\_\_\_\_

$5 \times 5 =$  \_\_\_\_\_

$9 \times 2 =$  \_\_\_\_\_

$10 \times 3 =$  \_\_\_\_\_

$6 \times 4 =$  \_\_\_\_\_

$8 \times 2 =$  \_\_\_\_\_

$7 \times 5 =$  \_\_\_\_\_

$4 \times 5 =$  \_\_\_\_\_

## **7. Doubling and Halving:**

Double 9 = \_\_\_\_\_

Double 7 = \_\_\_\_\_

Double 10 = \_\_\_\_\_

Half of 16 = \_\_\_\_\_

Half of 18 = \_\_\_\_\_

Half of 12 = \_\_\_\_\_

Double 46 = \_\_\_\_\_

Double 40 = \_\_\_\_\_

Double 6 = \_\_\_\_\_

\_\_\_\_ + \_\_\_\_ = \_\_\_\_\_

Double 34 = \_\_\_\_\_

Double 30 = \_\_\_\_\_

Double 4 = \_\_\_\_\_

\_\_\_\_ + \_\_\_\_ = \_\_\_\_\_

Half of 39 = \_\_\_\_\_

Half of 86 = \_\_\_\_\_

Half of 30 = \_\_\_\_\_

Half of 80 = \_\_\_\_\_

Half of 9 = \_\_\_\_\_

Half of 6 = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

### **8. Problem Solving:**

There were 44 books in Grade 2 ZK and 32 books in Grade 2 RP. However, 15 books went missing. How many books are left?

Sum: \_\_\_\_\_

Sum: \_\_\_\_\_

Story: \_\_\_\_\_

I have 7 sweets and my friend Sam has double the number that I have. How many sweets does Sam have?

Sum: \_\_\_\_\_

Story: \_\_\_\_\_

A basket has 4 apples. How many apples do 9 baskets have?

+ Sum: \_\_\_\_\_

x Sum: \_\_\_\_\_

Story: \_\_\_\_\_

Share 43 cupcakes amongst 4 boxes. How many will each box have and how many are left over?

Draw:

Each box will have \_\_\_\_\_ and \_\_\_\_\_ are left over.

I bought a t-shirt for R70. I paid with a R100 note. How much change will I get?

Sum: \_\_\_\_\_

Story: \_\_\_\_\_

At school I bought a pie for R12.00, a can of cool drink for R15.00 and a chocolate for R5.50. How much money did I spend at the tuck-shop?

Sum: \_\_\_\_\_

Story: \_\_\_\_\_

**\*Complete the following BRB pages:**

- Numbers 150-180 (pg 72-73)
- Addition and Subtraction (pg 86-89)
- Money (pg 94-95)
- Fractions (pg 124-127)

**PATTERNS**

**Complete the number patterns below:**

145	150	155			
180		160	150		
			80	84	88
98	100	102			
			66	69	72
151	153	155			

Draw the picture that comes next in each pattern.

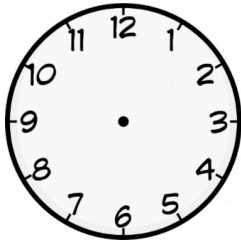


**\*Complete the following BRB pages:**

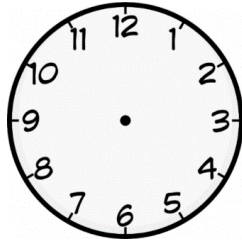
- Number Patterns (pg 102-103)

**MEASUREMENT**

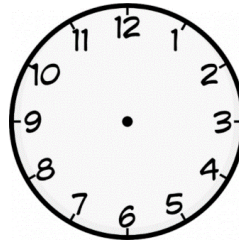
**Time: Draw hands on the clocks below.**



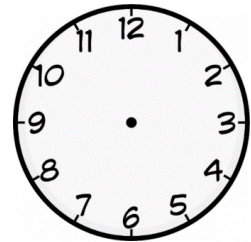
9 o'clock



half past 5



quarter past 7



quarter to 4

How many hours are there in a day? \_\_\_\_\_

How many minutes are there in an hour? \_\_\_\_\_

How many days are there in a week? \_\_\_\_\_

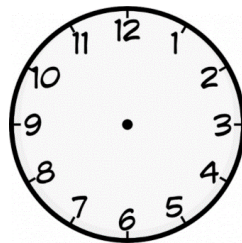
How many days are there in a year? \_\_\_\_\_

How many months are there in a year? \_\_\_\_\_

Mum goes shopping at 10 o'clock in the morning and comes home at 2 o'clock in the afternoon. For how many hours did she go shopping?

\_\_\_\_\_

**Use the clock below to help you.**



**Calculate the time:**

4 o'clock + 3 hours = \_\_\_\_\_

2 o'clock + 5 hours = \_\_\_\_\_

6 o'clock + 4 hours = \_\_\_\_\_

**Calendar time:**

AUGUST 2019						
S	M	T	W	T	F	S
		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		

1. What month of the year does this calendar show? \_\_\_\_\_
2. How many days are there in this month? \_\_\_\_\_
3. What **day of the week** is the 24<sup>th</sup> of August? \_\_\_\_\_
4. Thabo's birthday is 2 days after the 21<sup>st</sup> of August. **On what date** is his birthday?  
\_\_\_\_\_
5. How many full weeks are there in this month? \_\_\_\_\_
6. Colour all the Sundays red.

**Mass:**

Colour the correct answers. The standard units of measuring mass are:

litres	centimetres	kilograms	grams
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1 kilogram = \_\_\_\_\_grams

Arrange the following from heaviest to lightest: **250g 2kg 400g 500g 50g**

\_\_\_\_\_

Arrange the following from lightest to heaviest: **5kg 200g 90g 1kg 10kg**

\_\_\_\_\_

**\*Complete the following BRB pages:**

- Days of the week/Months of the year (pg 110-111)
- Day, weeks and months (pg 112-113)
- Heavier and lighter (pg 120-121)

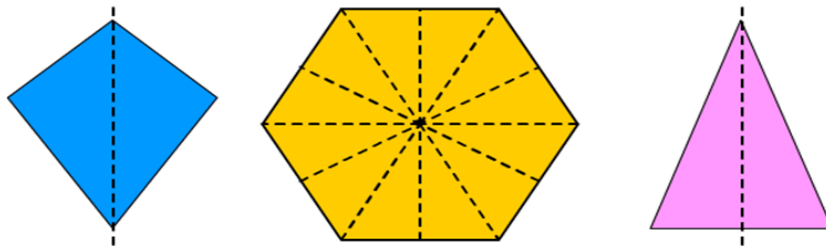
## SPACE AND SHAPE

### symmetry

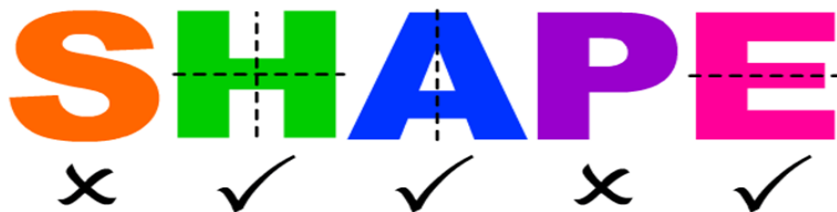
Symmetry is having one side that exactly mirrors the other.



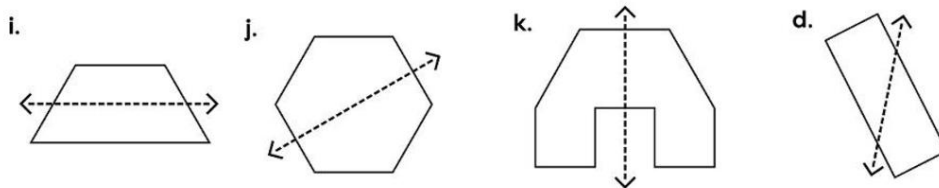
A line of symmetry divides a symmetrical shape in half.



An object may have more than one line of symmetry.



Tell whether the dotted line on each shape is a line of symmetry or not:



**\*Complete the following BRB pages:**

- 2D Shapes (pg 76-77)
- 3D Shapes (pg 90-91)
- Symmetry (pg 128-129)

## **DATA HANDLING**

\*Complete BRB pg 92-93