DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Annual Examinations for Primary Schools 2022

ALTERNATIVE LEVEL 3 MATHEMATICS TIME: 1h 15min
Written Paper

Name: _____ Class: _____

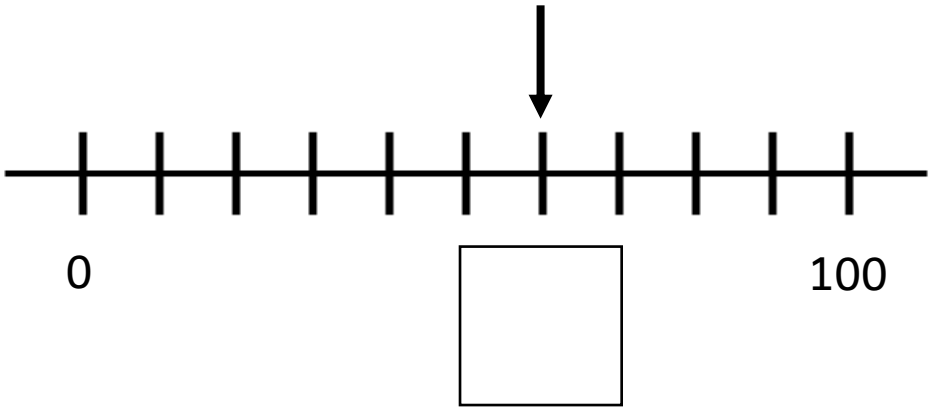
1. Make a **correct** calculation.

   Use **+, −** or **=.**

90 ☐ 70 ☐ 20

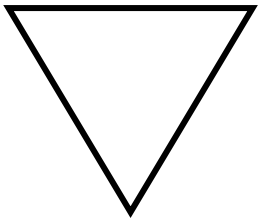
(2 marks)

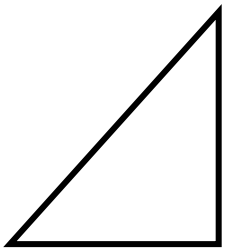
2. What **number** does the arrow show?



(2 marks)

3. **Tick (✓) all** the **triangles**.





(4 marks)

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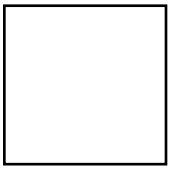
4. Mark is reading a book.

   He reads **20 pages**.

   He has **32 more pages** to read.

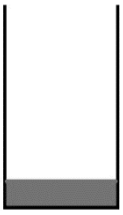
   How **many** pages are there in the book in **total**?

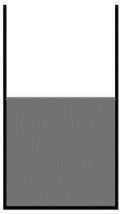
 pages

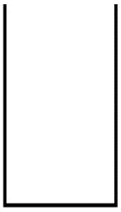
(4 marks)

5. **Match**

a)

b) 

c) 

d) 

half full
empty
full
almost empty

(4 marks)

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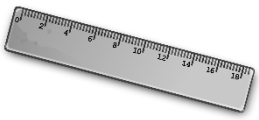
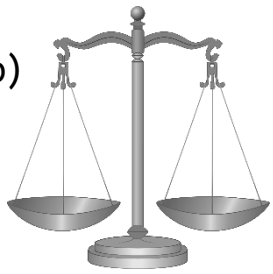
6. Carla needs to **measure** the **length** of her pencil.
Which **measuring tool** does Carla use? **Tick** (✓) the correct answer.

a) 

☐

b) 

☐

c)

☐

(2 marks)

7. Paul bakes **12 cupcakes**.

He eats $\frac{1}{4}$ of the cupcakes.

How **many** cupcakes does he eat?

☐ cupcakes

(4 marks)

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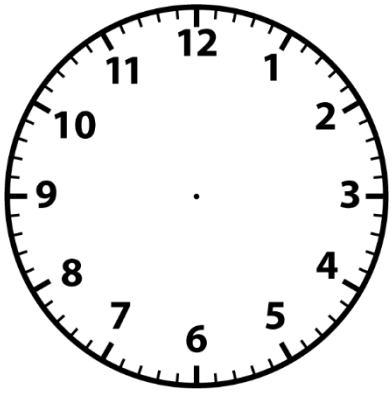
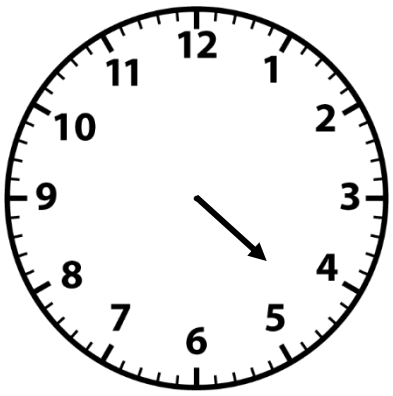
8 *a*) Use *a* ruler to **draw hands** on the clock to show **10 o'clock**.



b) The clock has **lost** the **minute hand**.

We can still tell the time.

Underline the **correct time**.

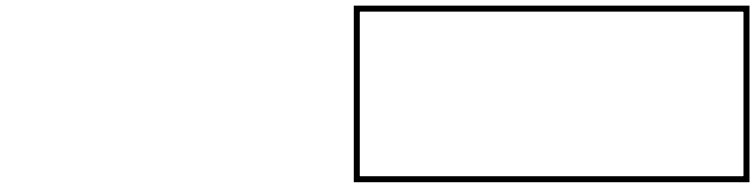


It is (4 o'clock, half past 4, half past 5).

(6 marks)

9. Look at this **shape**.

Read what Kim and Jeff say about this shape.



It is a 2D shape.

Kim

It is a square.

Jeff

a) **Tick** (✓) who is **NOT** correct.

Kim ☐ Jeff ☐

b) How do you know? **Explain why**.

(4 marks)

10a) Anne has **two (2) coins** in her purse.

Tick (✓) all the **possible amounts** of money in her purse.

i. 20c ☐

ii. 22c ☐

iii. 25c ☐

iv. 26c ☐

b) Anne buys *a* sticker that costs **12c**.

She pays with *a* **20c coin**.

What **change** will she get?

☐ c

(6 marks)

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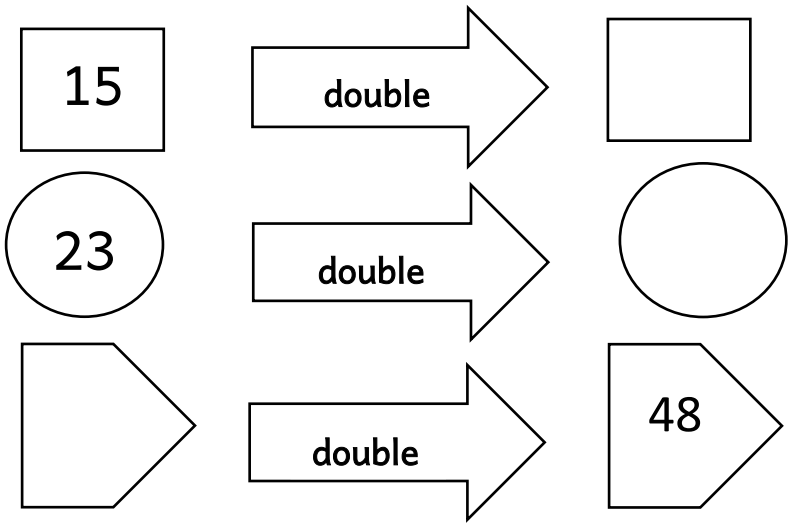
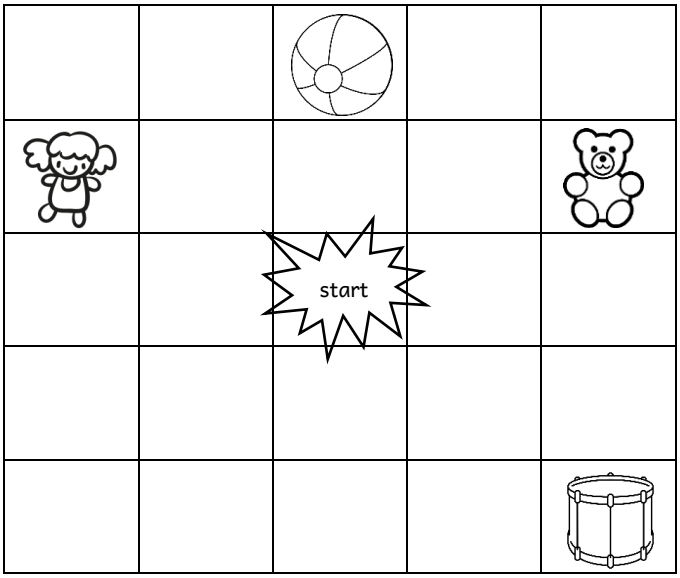
11. Fill in the missing numbers.



(6 marks)

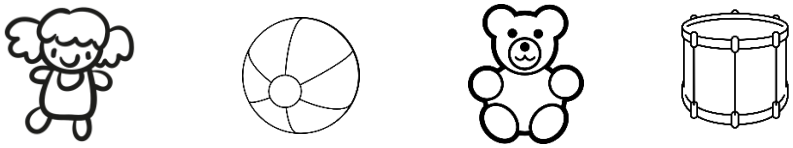
12. Look carefully at the below grid.



a) Go on

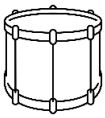
. Follow the **directions** and **circle** the correct toy.

i. Move **2 squares up**, **2 squares right** and **1 square down**.



ii. Move **1 square down**, **2 squares left** and **2 squares up**.

b) **Complete** the directions from

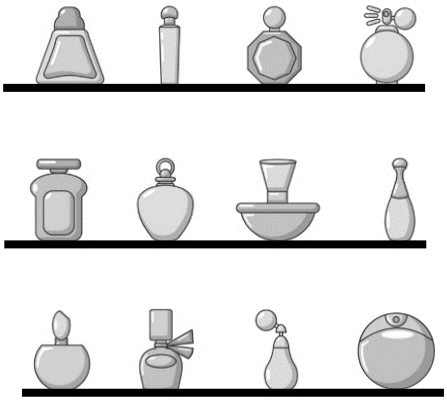
to the  .

Move ☐ squares **down** and **2** squares ☐.

(6 marks)

13. Amy collects perfume bottles.

She puts them on shelves as shown below.



Amy writes **different calculations** to find how many bottles she has.

a) **Fill in**

i. ☐ + 4 + 4 = 12

ii. ☐ x 4 = 12

iii. 4 x ☐ = ☐

b) Paul has **20 toy cars**.

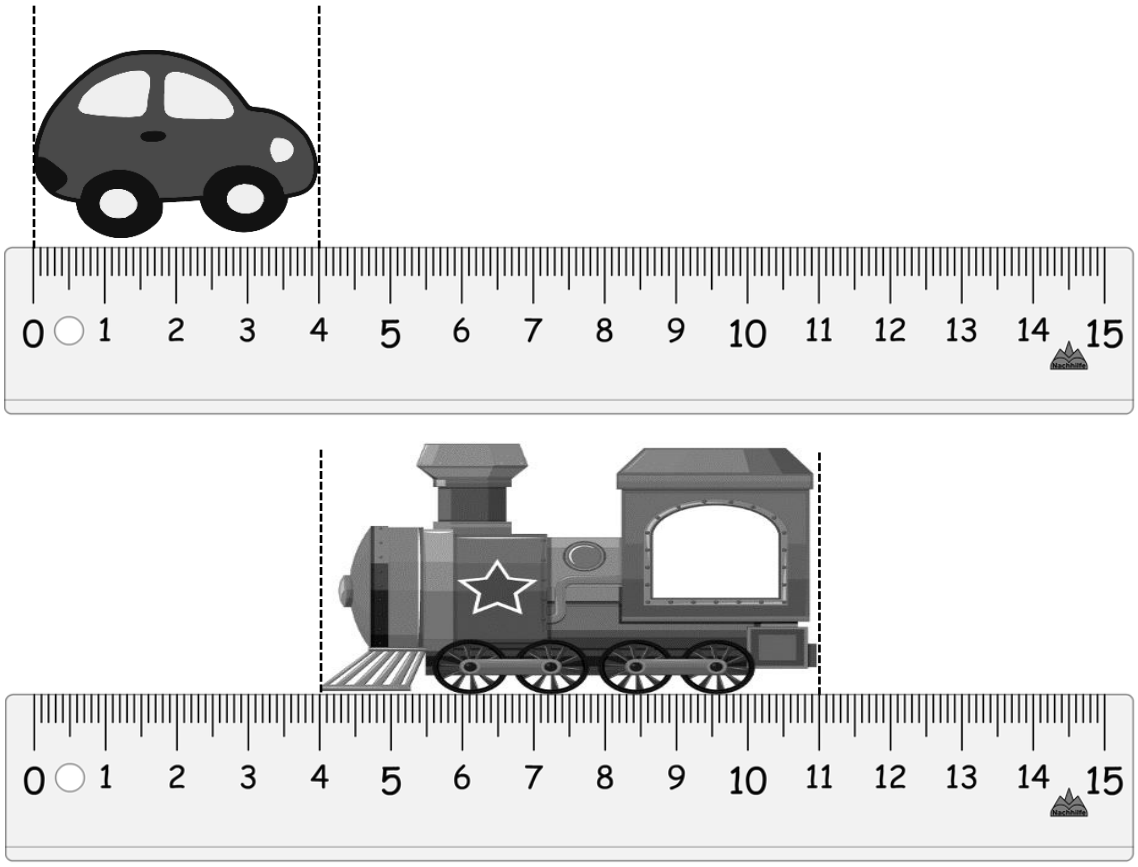
He puts **5 toy cars** on **each shelf.**

How **many** shelves does Paul need?

☐ shelves

(6 marks)

14. Here is a toy car and a toy train.



a) The toy car is ☐ **cm** long.

b) The toy train is ☐ **cm** long.

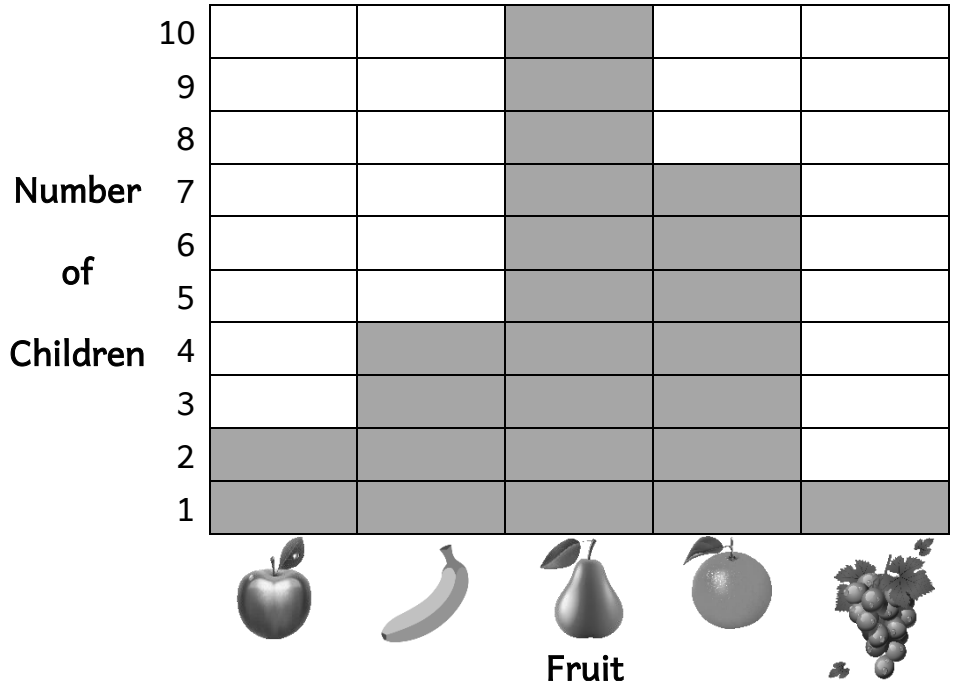
c) What is the **difference** between the **length of the toy car** and the **length of the toy train**?

☐ cm

(6 marks)

15. The block graph shows the favourite fruit of all the children in Mr Smith's class. Every child votes for **one (1)** favourite fruit.

Favourite Fruit in Mr Smith's Class



a) Which is the **most** favourite fruit?

Circle the correct answer.

b) How many children like **banana** **best**? ☐ children

c) The **pear** has ☐ **more** votes than the **orange** .

d) How **many** children are there in Mr Smith's class?

☐ children

(6 marks)

16. Look at the below calendar.

August, 2022						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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				

a) How many **Mondays** are there in August 2022?

☐ Mondays

b) Which **month** comes **before August?**

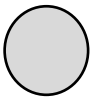
☐

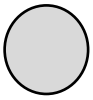
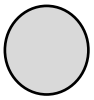
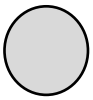
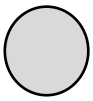
c) Kate celebrates her birthday **3 weeks after Wednesday 17th August**.
Fill in the **date and month** of Kate's birthday.

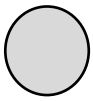
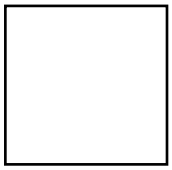
Day	Date	Month
Wednesday		

(6 marks)

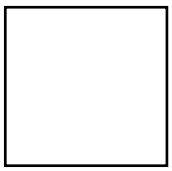
17. Look at the below diagrams.

The  and the each represent a **number.**

a)  +  +  +  = 12

 = 

b) + = 13

= 

(6 marks)

END OF PAPER