

**END OF PRIMARY BENCHMARK**

**MATHEMATICS  
WRITTEN PAPER**

**80 Marks**

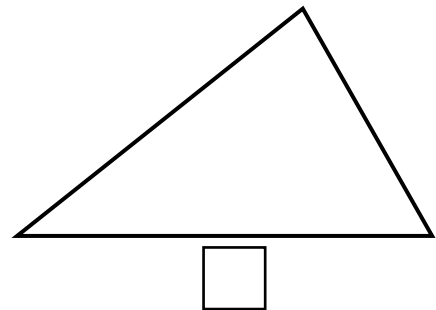
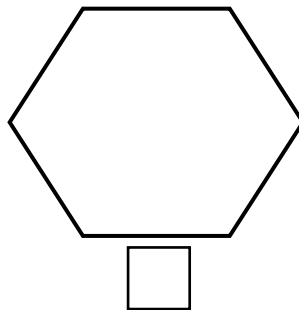
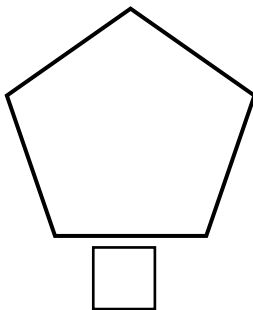
**1 hour 15 minutes**

**MATHEMATICS  
WRITTEN PAPER**

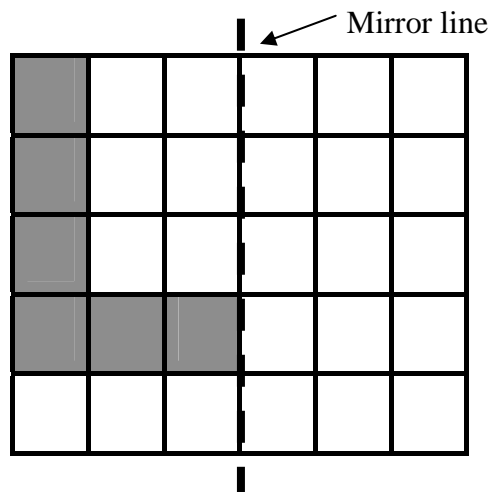
1. Work out.

<p>a) <math>488 + 22 =</math></p> <div style="text-align: right; border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"><hr style="width: 80%; margin: 0 auto;"/></div>	<p>b) <math>1400 - 409 =</math></p> <div style="text-align: right; border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"><hr style="width: 80%; margin: 0 auto;"/></div>
<p>c) <math>120 \times \underline{\quad} = 2400</math></p> <div style="text-align: right; border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"><hr style="width: 80%; margin: 0 auto;"/></div>	<p>d) <math>810 \div 9 =</math></p> <div style="text-align: right; border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"><hr style="width: 80%; margin: 0 auto;"/></div>

2. a) Put a **tick** (  $\checkmark$  ) under the shapes which **have lines of symmetry**.



b) Draw the **reflection** of the L- shape in the mirror line.



3. a) Choose the **best estimate**.

i) The **weight** of a bunch of grapes is:



- 0.5 kg
- 3256 g
- 40 g

ii) The **amount** of coffee in a cup is:



- 4 l
- 200 ml
- 1.5 l

b) **Underline** the correct **length**.

i) The **height** of a **door** is about: 2 cm, 2 km, 2 mm, 2 m.

ii) The **length** of a **bus** is about: 7 cm, 7 m, 7 km, 7 mm.

---

4. a) Look at these cards with the following numbers:

0.03

0.3

100

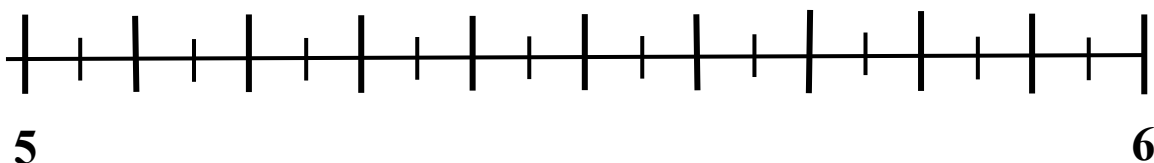
34

i) Which number has the **same value** as  $\frac{3}{100}$ ?

ii) Which number is **equal** to  $\frac{30}{100}$ ?

iii) Work out the **sum of all the four numbers**.

b) Use an **arrow** ( $\uparrow$ ) to mark **5.7** on the number line.





7. a) Fred says that the **sum** of **57** and **24** is a **square number**.

Ann says he is wrong.

i) **Who** is correct?

ii) **Give a reason** for your answer.

---

---

b) Ann says that the **product** of an **odd number** and an **even number** is always **even**.

Give **one example** to show that this is **true**.

8. A baker prepared 450 muffins for a party.

$\frac{1}{3}$  were **chocolate** muffins.



a) How many **chocolate muffins** did he prepare?

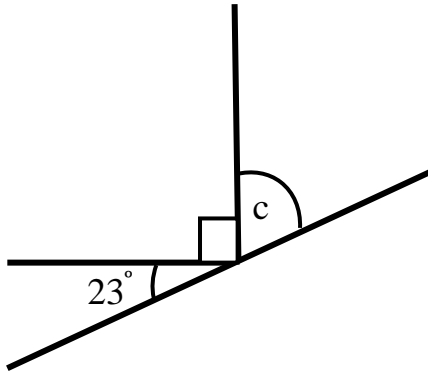
 muffins

b) **200** were **strawberry** muffins. The rest were **apple** muffins.

How many **apple** muffins were there?

 muffins

9. a) Work out the size of **Angle c** on the straight line.



Angle c = \_\_\_\_\_ °

b) Underline the correct answer.

- i) **Angle c** is ( an acute; an obtuse; a reflex ) angle.
- ii) A **triangle** with **two equal sides** is called  
( an equilateral; a scalene; an isosceles ) triangle.

---

10. Steve has **621 parcels** to deliver to the post office.

His small van can **only take 32 parcels at a time**.



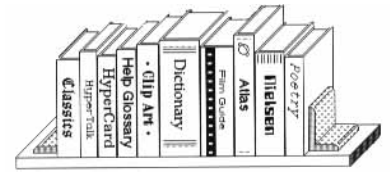
a) How many **trips** to the post office will Steve have to make to deliver **all** the parcels?

\_\_\_\_\_ trips

b) **Round 621 parcels** to the **nearest 100** parcels.

\_\_\_\_\_ parcels

11. Dad is making three new shelves for his books.



One shelf is **1·40 m** long, another shelf is **2·46 m** long and the third shelf is **3·3 m** long.

a) Work out the **total length** of the shelves.

_____ m
---------

b) He has bought **two pieces** of wood each **4 m** in length to make the three shelves.

i) How much wood will he **have left**?

_____ m
---------

ii) Give your answer to the **nearest 10 cm**.

_____ cm
----------

12. Look at this TV Schedule.

a) The cartoons start at **14:05**.

Write this time in a different way.

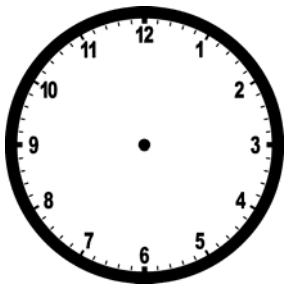
_____ p.m.
------------

TV Schedule	
Cartoons	14:05
Sports Time	15:40
Film: The Spaceman (Part 1)	16:10
News	16:55
Film: The Spaceman (Part 2)	17:35

b) Sports Time starts at **15:40** and finishes at **16:10**.

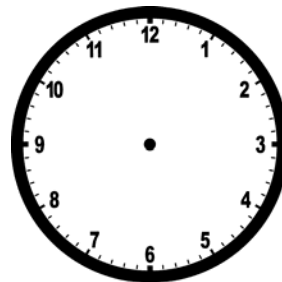
i) Mark **both times** on the clocks.

CLOCK A



Start time  
15:40

CLOCK B



Finish time  
16:10

ii) Underline the correct answer.

**From Clock A to Clock B, the minute hand moves ( 2 , 3 , 4 ) right angles.**

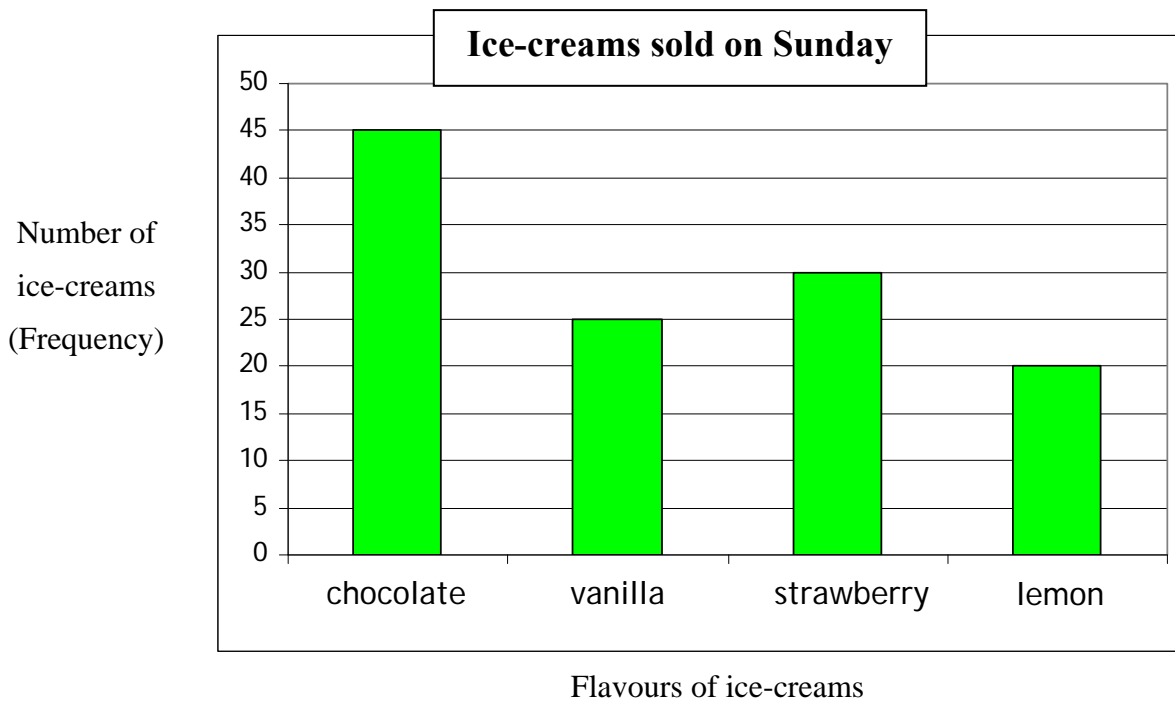
c) Look at the TV Schedule.

The Film **stops for the News** and **continues** at **17:35**.

How **long** is the News?

_____ minutes
---------------

13. This graph shows the **number** of ice creams sold on Sunday.



a) Work out the **total number** of ice-creams sold on Sunday.

\_\_\_\_\_ ice-creams

b) Work out the **average number (mean)** of ice creams sold on that day.

\_\_\_\_\_ ice-creams

c) How many **more chocolate than vanilla** ice creams were sold?

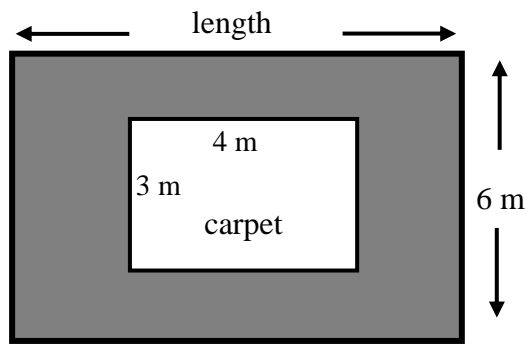
\_\_\_\_\_ ice-creams

d) Mary sold **each** ice cream at **50c**.

How much **money** did Mary get altogether for the ice-creams she sold on Sunday?

€ \_\_\_\_\_

14. This is the floor plan of a sitting room.



a) Mum placed a **carpet** of size **4m** by **3m**, in the **middle** of the room. Work out the **area** of the carpet.

b) The **area** of the room is **48 m<sup>2</sup>**.

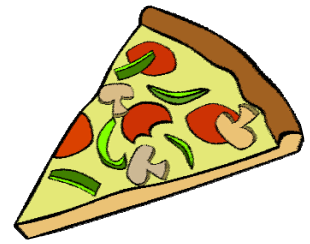
The **width** of the room is **6m**.

i) Work out the **length** of the room.

ii) Work out the **area** of the room which is **not covered** by the carpet.

15. Nadine is having a party.

She invited **23 friends** to the party.



**Nadine and all her friends** will have **4 slices** of pizza **each**.

a) How many **slices** of pizza are needed?

_____ slices
--------------

b) **Each** pizza divides into **8 slices**.

How many **whole pizzas** does Nadine need to buy?

_____ pizzas
--------------


c) Nadine and her friends **did not eat** all the pizza.

$\frac{1}{4}$  of the **slices** were **left over**.

How many **slices** were **left over**?

_____ slices
--------------

16. The manager of a supermarket offered a new payment scheme to his cashiers.

<p><b>Payment Scheme A</b></p> <p>From Monday to Friday €5.50 per hour</p> <p>Saturday €6.60 per hour</p>		<p><b>Payment Scheme B</b></p> <p>From Monday to Saturday €220 per week</p>
---	---	---

a) The cashiers work **6 hours a day**.

**Work out** their pay for **a week**, under **Payment Scheme A**.

€ \_\_\_\_\_

b) One of the cashiers says that **Payment Scheme A is better than Payment Scheme B**.

i) Do **you** agree?

ii) **Give a reason** for your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## END OF PAPER

### Marking Scheme

Mental Paper	Nos.	1 - 20	$20 \times 1$ mark	=	20 marks
Written Paper	Nos.	1 - 4	$4 \times 4$ marks	=	16 marks
		5 - 12	$8 \times 5$ marks	=	40 marks
		13 - 16	$4 \times 6$ marks	=	24 marks
TOTAL					<hr/> 100 marks <hr/>