

END OF PRIMARY BENCHMARK

**MATHEMATICS
WRITTEN PAPER**

80 Marks

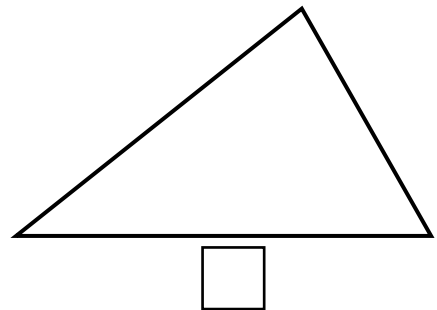
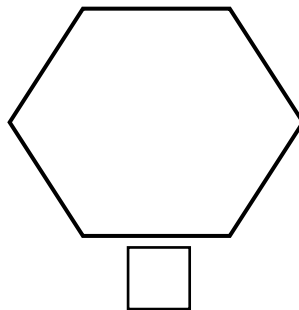
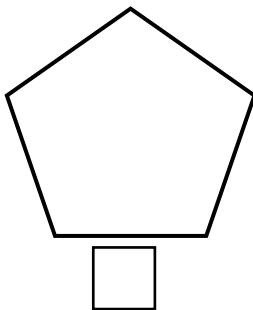
1 hour 15 minutes

MATHEMATICS WRITTEN PAPER

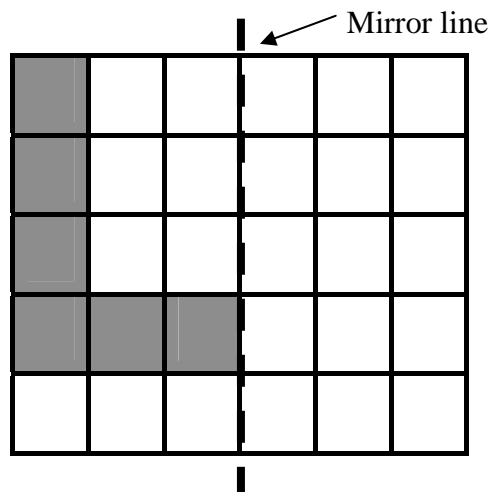
1. Work out.

<p>a) $488 + 22 =$</p> <div style="text-align: right; margin-top: 20px;"> <input style="width: 100px; height: 20px;" type="text"/> </div>	<p>b) $1400 - 409 =$</p> <div style="text-align: right; margin-top: 20px;"> <input style="width: 100px; height: 20px;" type="text"/> </div>
<p>c) $120 \times \underline{\quad} = 2400$</p> <div style="text-align: right; margin-top: 20px;"> <input style="width: 100px; height: 20px;" type="text"/> </div>	<p>d) $810 \div 9 =$</p> <div style="text-align: right; margin-top: 20px;"> <input style="width: 100px; height: 20px;" type="text"/> </div>

2. a) Put a **tick** (✓) 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

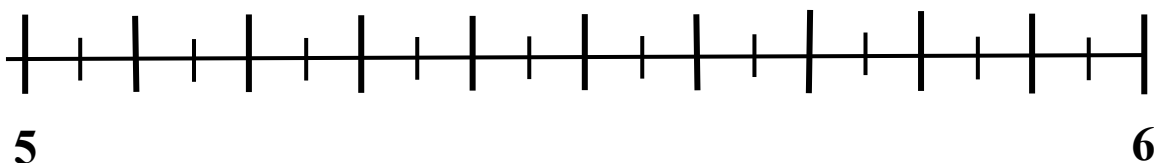
34

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.



5. a) **Circle** one of the following numbers which **is equal to** the number 11.50

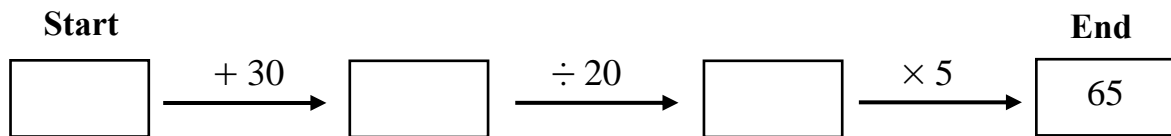
i) $11\frac{1}{4}$ $11\frac{1}{2}$ $11\frac{3}{4}$

11.50

ii) 260 g 2600 g 26 g

2.6 kg

b) Complete:



6. Mr and Ms Smith book a cruise in the Mediterranean Sea.

It costs **€1275 per adult**.

a) What is the **total cost** of the cruise for Mr and Ms Smith?

€ _____

b) They pay **10% of the total cost** when booking.

How much is **left to pay**?

€ _____

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?

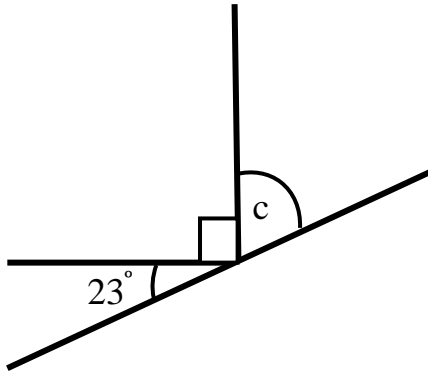
 muffins

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.

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

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

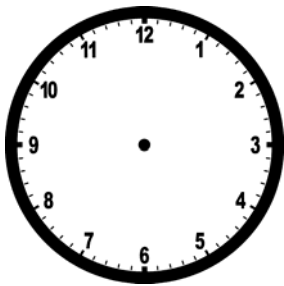
Write this time in a different way.

_____ p.m.

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

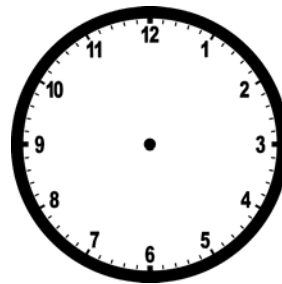
i) Mark **both times** on the clocks.

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.

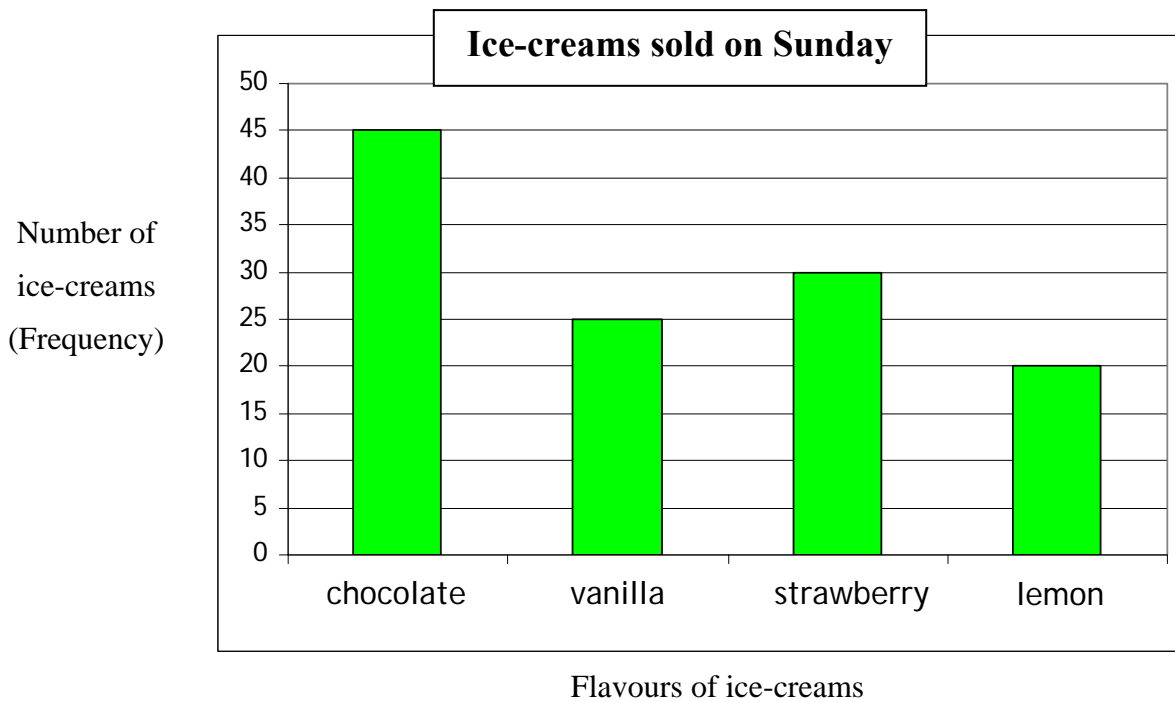
c) Look at the TV Schedule.

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.

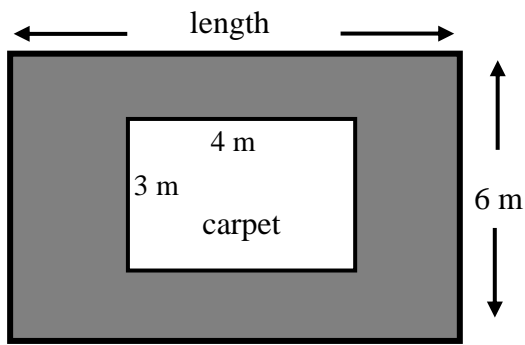
b) Work out the **average number (mean)** of ice creams sold on that day.

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

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.

_____ m²

b) The **area** of the room is **48 m²**.

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

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

_____ m

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

_____ m²



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>Payment Scheme A</p> <p>From Monday to Friday €5.50 per hour</p> <p>Saturday €6.60 per hour</p>		<p>Payment Scheme B</p> <p>From Monday to Saturday €220 per week</p>
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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	20×1 mark	=	20 marks
Written Paper	Nos.	1 - 4	4×4 marks	=	16 marks
		5 - 12	8×5 marks	=	40 marks
		13 - 16	4×6 marks	=	24 marks
			TOTAL		<hr/> 100 marks <hr/>