



YEAR 4

WRITTEN MATHEMATICS

TIME: 1hr 15min

Name: _____

Class: _____

School: _____



Total
mark

80

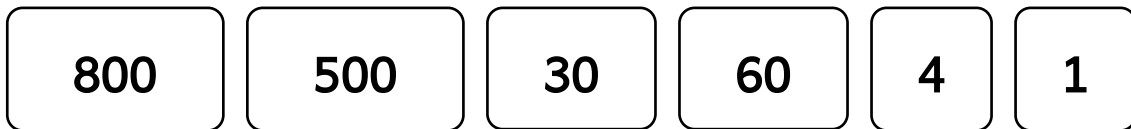
1. Fill in:

a)	$9 + 6 = \square + 9$
b)	$100 - 30 = \square$
c)	$\square \times 3 = 24$
d)	$25 \div 5 = \square$
e)	Write the two missing numbers in the sequence . 367, 467, \square , 667, \square .
f)	Put these numbers in order smallest to largest . 315, 513, 135, 351 \rightarrow \square , \square , \square , \square .
g)	$9 \times 10 = \square$ $9 \times 100 = \square$
h)	Put a circle around the odd numbers . 47 , 30 , 88 , 73 , 12.

i)	Write the value of the underlined digit . $4\underline{6}2 \longrightarrow$ <input style="width: 50px; height: 25px;" type="text"/> . $\underline{6}58 \longrightarrow$ <input style="width: 50px; height: 25px;" type="text"/> .
j)	Work out the total number of sides of the shapes below. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 20px; margin-left: 20px;"> ___ sides </div> </div>

(20 marks)

2. Look carefully at the **number cards**. Work out the questions below.
 Number cards can be used more than once.



- a) Use **3 cards** to make a **3-digit number** larger than 800. _____
- b) Use **3 cards** to make a **3-digit number** smaller than 600. _____
- c) Use **3 cards** to make an **even number** with **3 digits**. _____
- d) Use **3 cards** to make a **number between 800 and 850**. _____

(4 marks)

3. **Fractions**

a) What **fraction** of this shape is

(i) **shaded?**

(ii) **not shaded?**

b) **Shade** $\frac{1}{2}$ of this shape.

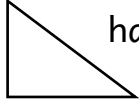
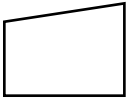
c) **Shade** $\frac{1}{4}$ of this shape.

(4 marks)

4. True or False

(4 marks)

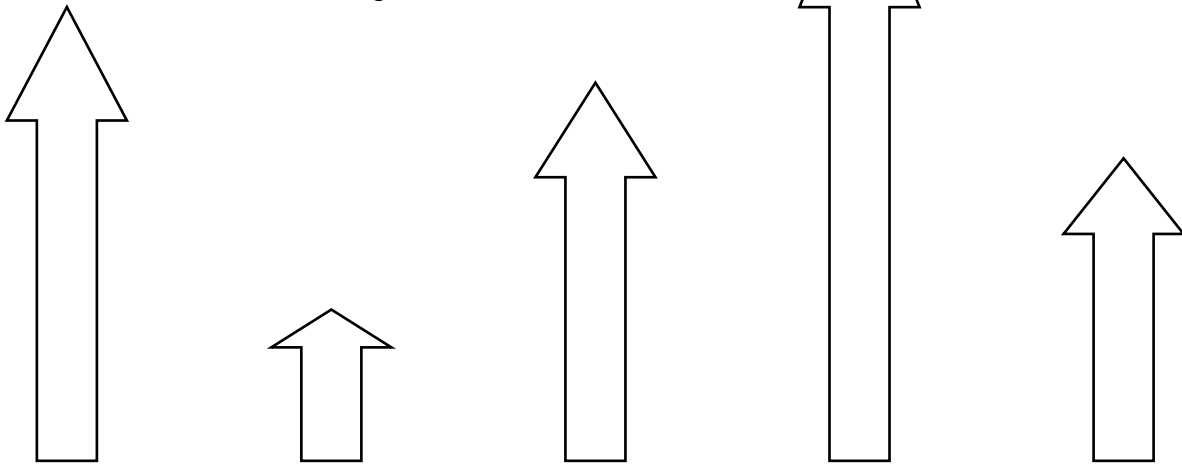
Tick (✓) the correct answer. The first one has been done as an example.

		True	False
a)	A square has 2 right angles only.		✓
b)	This triangle  has 3 right angles.		
c)	This shape  has 2 right angles.		
d)	A circle has 1 right angle.		
e)	A rectangle has 4 right angles.		

5. Length

(4 marks)

Look at the following arrows.



A	B	C	D	E
---	---	---	---	---

- a) Arrow B is the shortest one and arrow D is the longest.
Fill in to complete the table, shortest first.

B				D
---	--	--	--	---

- b) Use a ruler to measure the total length of arrows A, C and E.

___ cm

6. **Multiplication**

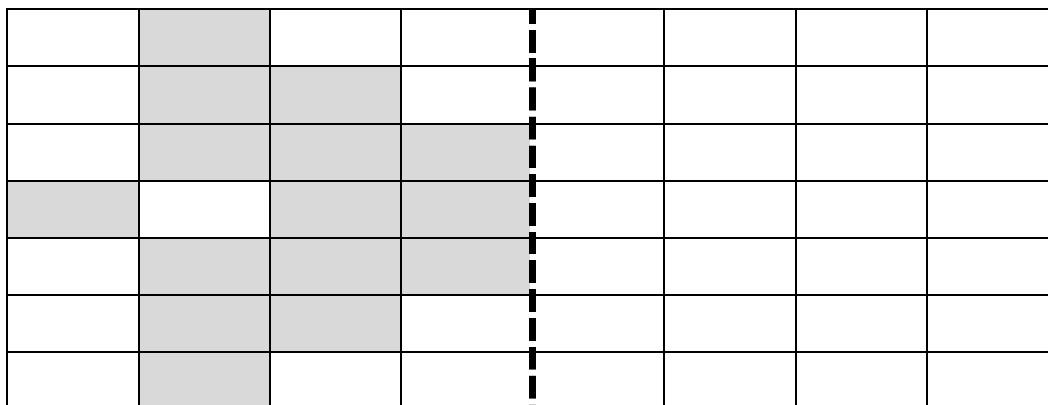
Fill in the table below with the missing numbers.

	x	2	3	4	5
a)	2	4		8	10
b)	3	6	9		15
c)	4	8	12	16	
d)	5	10	15	20	

(4 marks)

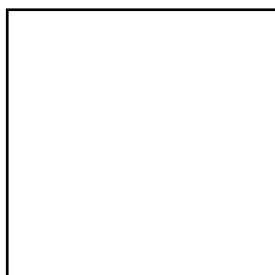
7. **Shapes and Symmetry**

a) Draw the **reflection** of the shape below.



b) Use a ruler to draw **all** the lines of symmetry on these shapes.

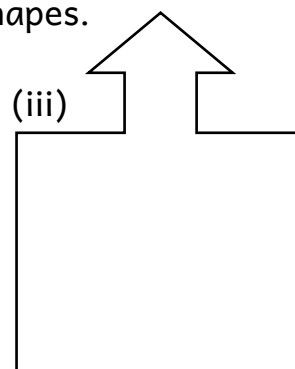
(i)



(ii)



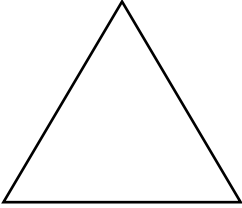
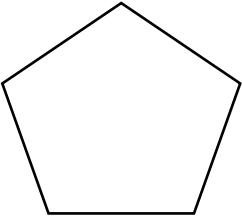

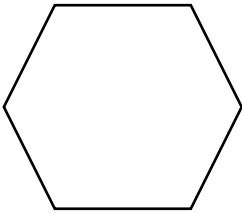
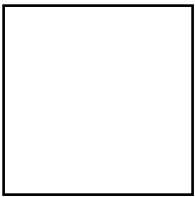
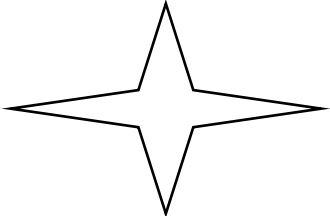
(iii)



(4 marks)












8. 2-d Shapes

Complete the information below about the properties of each flat shape.

	Shape's name	2-d shape	Number of sides
a)	triangle		_____ sides
b)	_____		5 sides
c)	_____		4 sides
d)	_____		6 sides
e)	square		_____ sides
f)	octagon		_____ sides

(6 marks)

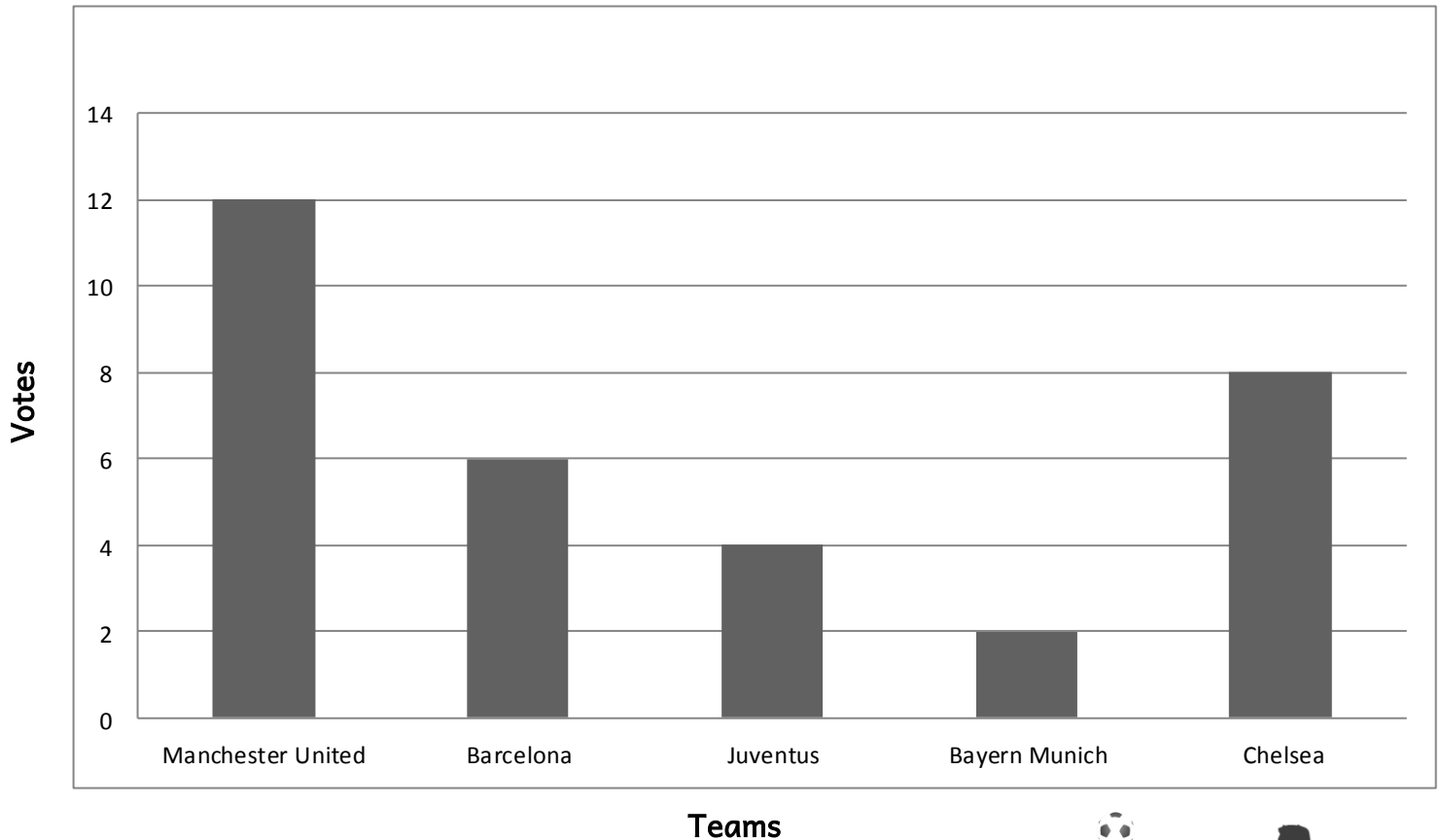
9. Direction – north, south, east, west
Look carefully at the map.

church 				hospital 	
		petrol station 			
school 				coffee shop 	
	bank 				police station 
bus stop 				supermarket 	

- The direction from the coffee shop to the school is _____.
- The direction from the bank to the police station is _____.
- The hospital is to the _____ of the church.
- Go to **START**. Move **2 steps West**. There is the _____.
- Go to the **supermarket**. Move **3 steps North** and then **2 steps West**. You are now at the _____.
- Go to the **church**. Move **2 steps East** and then **3 steps South**. Mark with an **X** where you are. (6 marks)

10. Bar graphs

The Year 4 children vote for their favourite team. These are the results:



From the **bar graph** above:

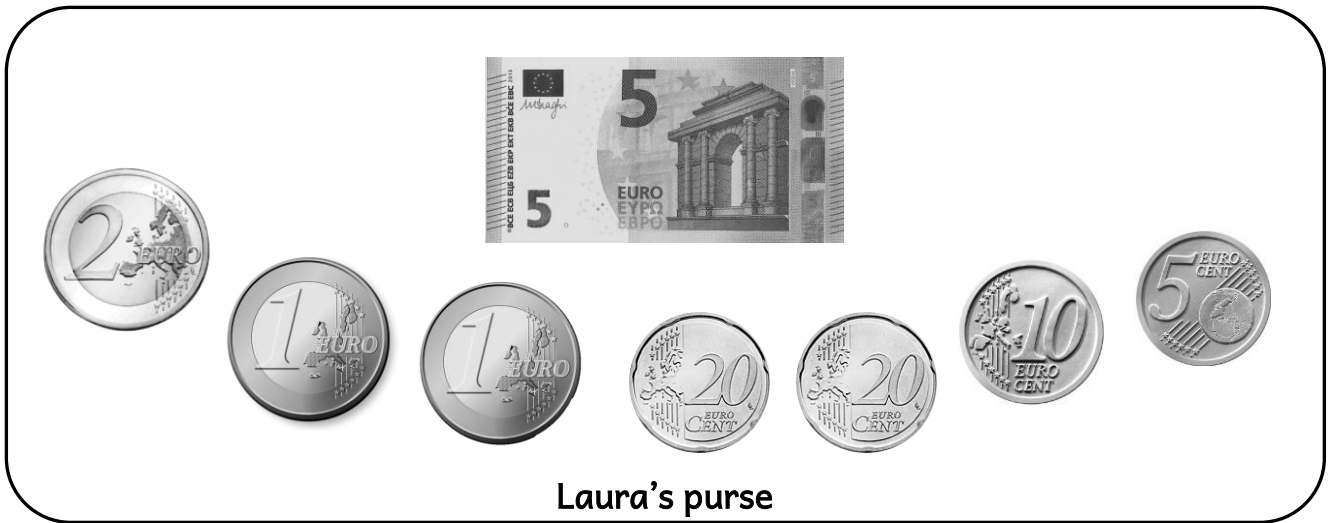
- Which is the **most popular** team? _____
- Which is the **least popular** team? _____
- How many **more** children support **Barcelona** than **Juventus**?

- The number of children supporting **Chelsea** is **double** the number of children who support _____
- What is the **total** number of supporters of **Manchester United** and **Bayern Munich**? _____
- How many children voted **altogether**? _____

(6 marks)

11. Money

This is the money in Laura's purse.



a) What is the **total amount** of money that Laura has?

€ ____ . ____

b) Tom wants to buy 2 books. Each book costs €4.20.

How much money does he **spend**?

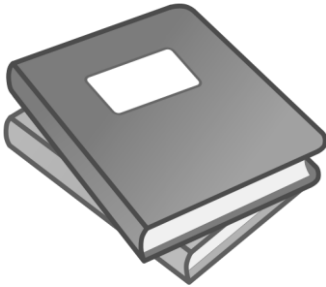
€ ____ . ____

c) Tom pays with a 10 euro note.

How much **change** will he get?



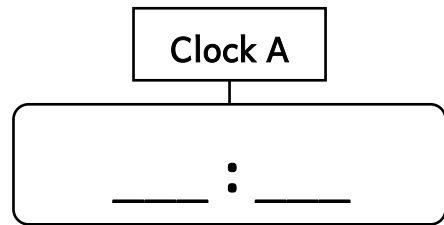
€ ____ . ____



(6 marks)

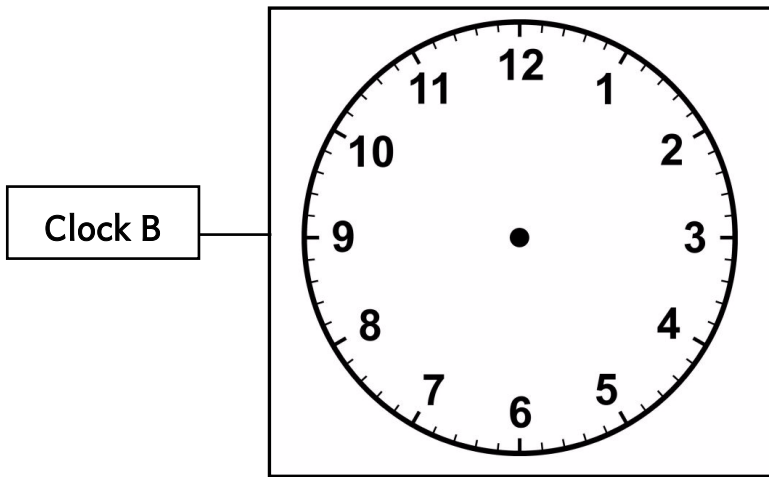
12. Time

- a) Andrew wakes up at 7 o'clock.
Show this time on digital clock A.

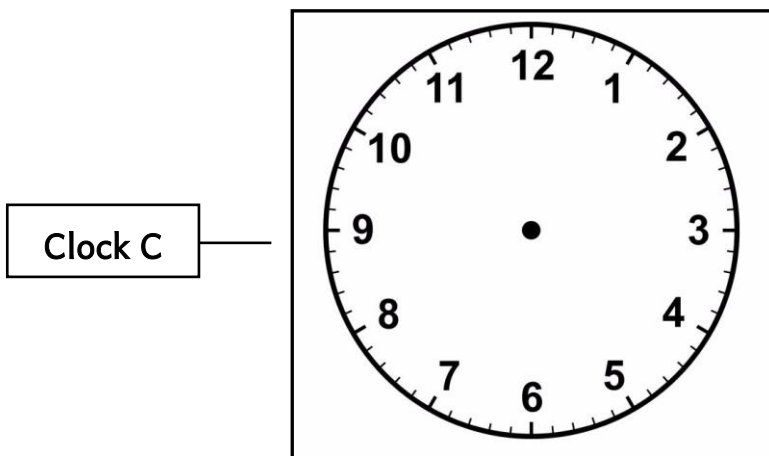


- b) He leaves home at 8 o'clock. It takes him 15 minutes to arrive at school.
At what time does he arrive?

- (i) Write the **time in words**. _____
- (ii) Show the **time** on the **analogue clock B**.



- c) Andrew reads for 45 minutes.
(i) Shade 45 minutes on analogue clock C.



- (ii) How many **more minutes** to make one hour? _____ minutes
(6 marks)

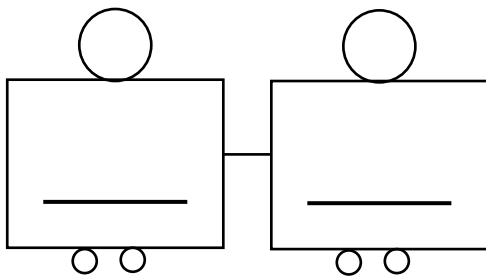
13. Pairs to 1000

Each child has a number card.

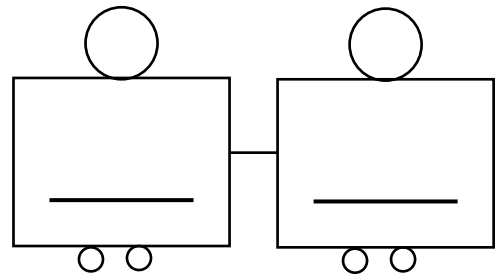
Use the **number cards** below **once**.

600	300	450	400	350	250
650	850	750	150	700	550

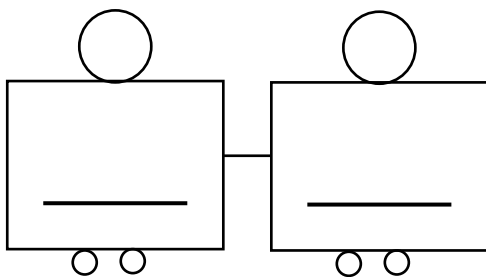
Pair children so that their **total** is **1000**.



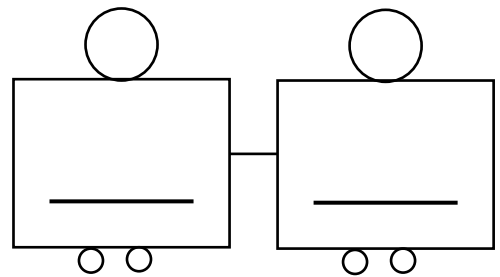
Pair 1



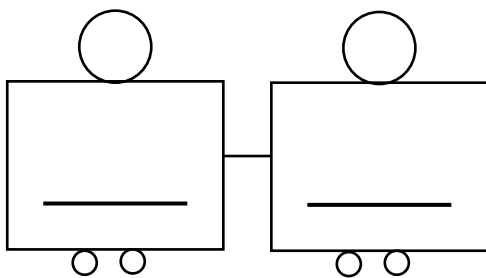
Pair 2



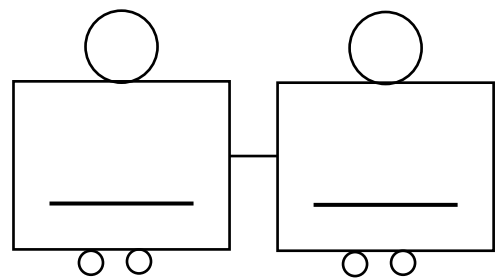
Pair 3



Pair 4



Pair 5



Pair 6

(6 marks)

END OF PAPER

Marking Scheme	Nos.	1 a - j	10 × 2	=	20
		2 - 7	6 × 4	=	24
		8 - 13	6 × 6	=	36
				TOTAL	80