

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

**Annual Examinations for Primary Schools 2021**

Year 4

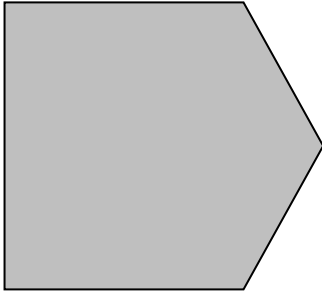
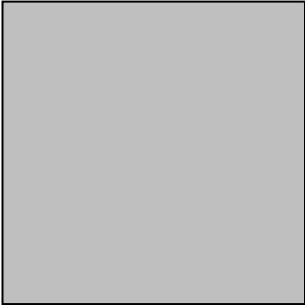

MATHEMATICS


Time: 1h 15min

Name: \_\_\_\_\_

Class: \_\_\_\_\_

1. Work out.

|    |  |
|----|--|
| a) | $30 + \square = 100$   |
| b) | $1000 - 750 = \square$   |
| c) | <p>How many <b>sides</b> are there in each of these shapes?</p> <p>(i) </p> <p><input type="text"/> sides</p> <p>(ii) </p> <p><input type="text"/> sides</p> |
| d) | <p>What <b>fraction</b> is shaded?</p> <p></p> <p><math>\frac{\square}{\square}</math></p>  |
| e) | <p>You can write <b>€13.05</b> as:</p> <p>Tick (✓) the correct answer.</p> <p>(i) 135 c <input type="checkbox"/>      (ii) 1305 c <input type="checkbox"/>      (iii) 1350 c <input type="checkbox"/></p>  |

|    |   |
|----|---|
| f) | <p>Work out.</p> <p>(i) <math>4 \times 6 =</math> <input type="text"/></p> <p>(ii) <math>7 \times 8 =</math> <input type="text"/></p>   |
| g) | <p>Work out.</p> <p>(i) <math>28 \div 4 =</math> <input type="text"/></p> <p>(ii) <input type="text"/> <math>\div 10 = 10</math></p>  |
| h) | <p>What is the <b>capacity</b> of a mug?</p> <p>Tick (✓) the best estimate.</p> <div style="text-align: right; margin-bottom: 10px;">  </div> <p>(i) 30 <i>ml</i> <input type="checkbox"/>      (ii) 30 <i>l</i> <input type="checkbox"/>      (iii) 300 <i>ml</i> <input type="checkbox"/></p> |
| i) | <p>2 weeks = <input type="text"/> days</p>  |
| j) | <p>Write the <b>next number</b> in each sequence.</p> <p>(i) 35, 38, 41, 44, <input type="text"/></p> <p>(ii) 125, 150, 175, 200, <input type="text"/></p>  |

(10 x 2 marks = 20 marks)

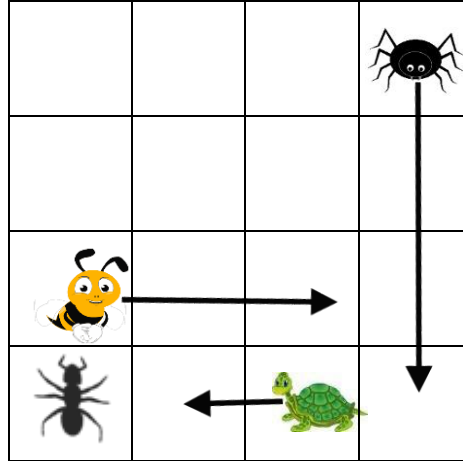
2. Circle the numbers below that are divisible by both 3 and 4.

**15 - 24 - 30 - 48**

(4 marks)

3a) Pamela is playing with some robot creatures.  
 Complete the sentences to describe the movements.  
**Note:** Use some of the words below.

LEFT      RIGHT      DOWN      UP




i) The  moves **2 squares** to the \_\_\_\_\_ .



ii) The  moves **3 squares** \_\_\_\_\_ .

iii) The  moves **1 square** to the \_\_\_\_\_ .

b) Complete the path Pamela follows to move the  to the  .

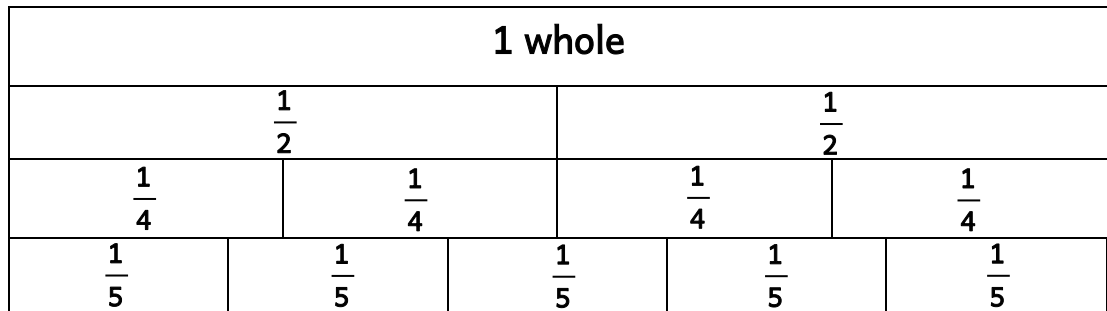
Pamela moves the  \_\_\_\_\_ **squares up**, turns it and

moves it \_\_\_\_\_ **squares to the right**.

Finally the  is on the same square as the  .

(4 marks)

4a) Look carefully at the fraction wall.

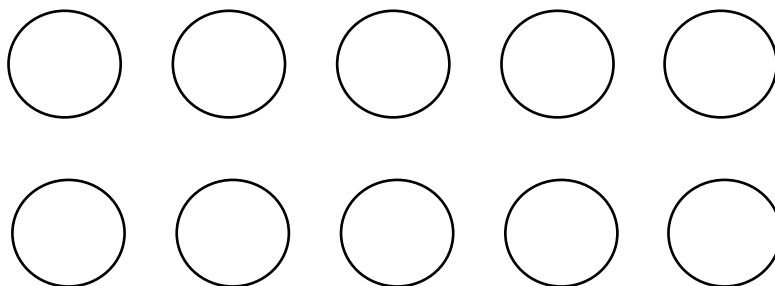


(i) Shade  $\frac{3}{4}$  on the fraction wall above.

(ii) Fill in.

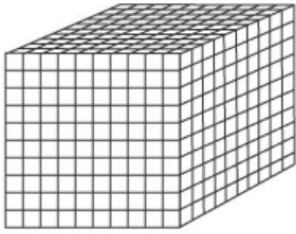
$$\frac{1}{2} = \frac{\square}{4}$$

b) Shade  $\frac{1}{5}$  of the circles below.

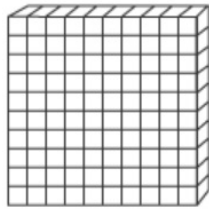


(4 marks)

5) Look carefully at the cubes below.



1000 cubes



100 cubes

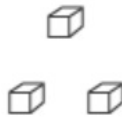
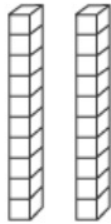
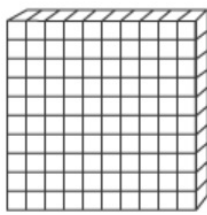


10 cubes



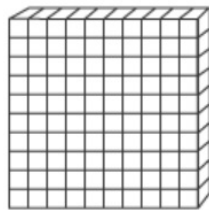
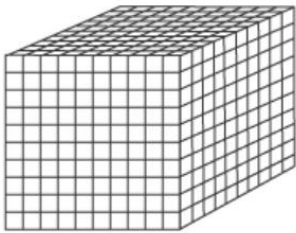
1 cube

a) How many **cubes** are there in **total**?



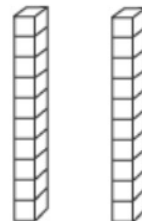
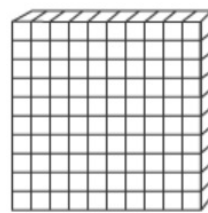
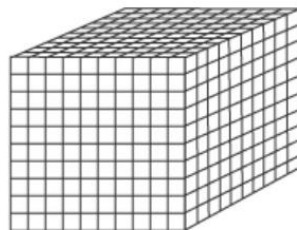
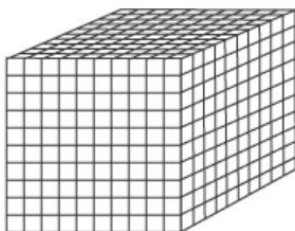
cubes

b) How many **cubes** are there in **total**?



cubes

c) Circle cubes to make a 4-digit even number.



Your 4-digit even number in figures is \_\_\_\_\_ .

(4 marks)

6. Fill in the boxes to make the sentences true.

a)  $34 + 26 = 10 \times$

b)  $36 \div 4 = 3 \times$

(4 marks)

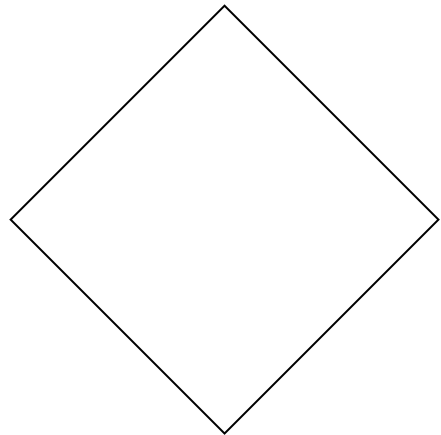
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7a) Use a ruler to draw **all** the lines of symmetry in the shapes below.

(i)



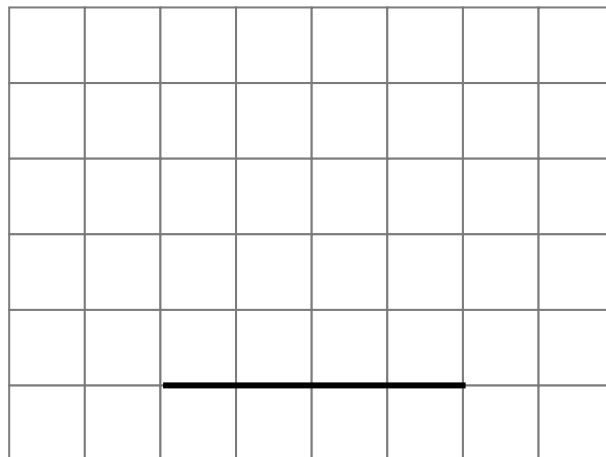
(ii)



b) Use a ruler.

**Draw more sides** to make a shape that has **1 line of symmetry only**.

**Note:** One of the sides is ready.



(4 marks)

8. Greta, Julia and Ana are making bows.

- a) Greta has **90 cm** of black ribbon.  
She makes **3 bows** of **equal length**.



Work out the **length of ribbon** Greta uses to make **1 bow**.

Show your  
working here.

cm

- b) Julia has **1.5 m** of red ribbon.

$$1.5 \text{ m} = \boxed{\phantom{000}} \text{ cm}$$



- c) Ana has **1 m** of green ribbon.  
She needs **35 cm** to make **1 bow**.  
How **many bows** can she make?



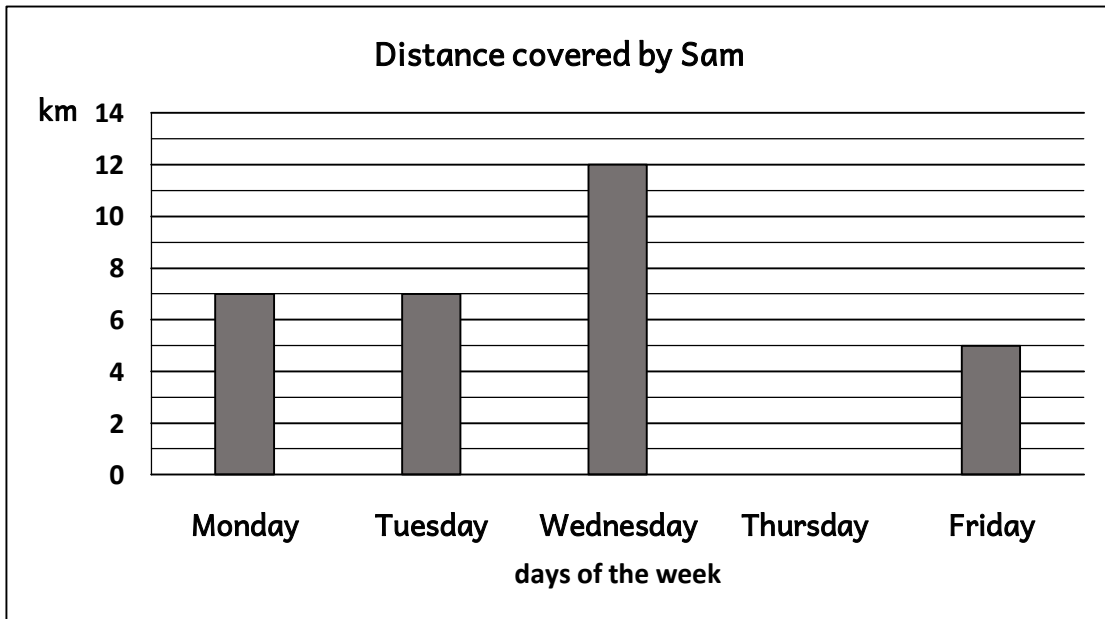
Show your  
working here.

bows

(6 marks)

9. The bar chart below shows the distance Sam ran every day from Monday to Friday last week.

**Note:** The bar chart is **incomplete**.



a) On **Wednesday** Sam covers a distance of  km.

b) On **Thursday and Friday** Sam covers a total distance of **9 km**.

(i) On **Thursday** Sam covers a distance of  km.

(ii) **Complete** the bar chart.

c) Next Saturday Sam is participating in a Fun Run. Sam will run a distance of **11 kilometres**.

**11 kilometres** =  metres



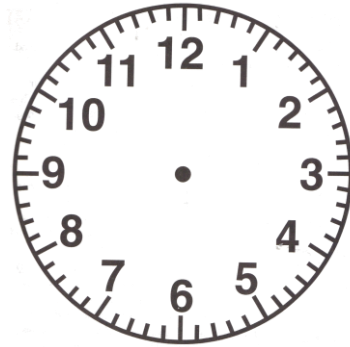
(6 marks)



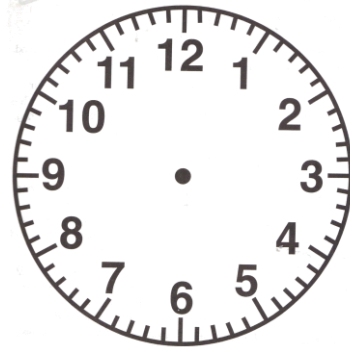
10. Family Galea is going on holiday to Italy. Their flight **leaves** Luqa Airport at **10:00**. It **arrives** in Rome at **11:30**.



a) **Draw hands** on the clock to show **10:00**.  
Use a ruler.



b) **Draw hands** on the clock to show **11:30**.  
Use a ruler.

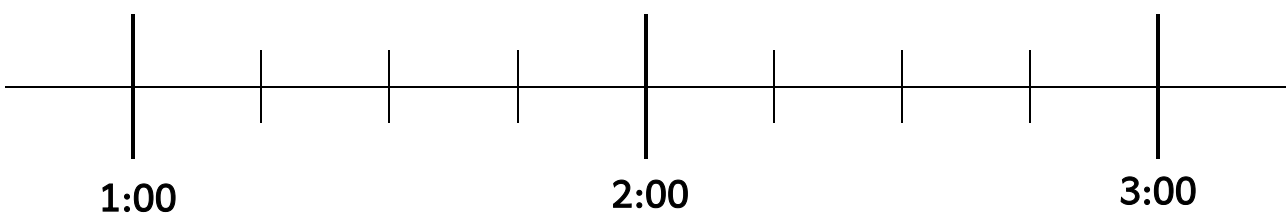


c) The flight from Malta to Rome is **1 hour 30 minutes** long.  
How long is the flight in **minutes**?

**Show your working here.**

**minutes**

d) Family Galea arrives at the hotel in Rome at 2:45 in the afternoon.  
**Draw an arrow ( ↓ )** to show **2:45** on the timeline below.



(6 marks)

11. Look at the calendar showing July 2021.

Then answer the questions below.

| JULY 2021 |         |           |          |        |          |        |
|-----------|---------|-----------|----------|--------|----------|--------|
| 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) There are  days in July 2021.

b) Tick (✓) the TRUE statements.

Note: There are two TRUE statements.

|  | TRUE |
|--|------|
| July is the eighth (8th) month in the Year 2021. |      |
| 6th July 2021 is a Wednesday.                    |      |
| There are four Sundays in July 2021.             |      |
| 30th June 2021 is a Monday.                      |      |
| There are 5 Mondays in August 2021.              |      |

(6 marks)

12. At Greenhill School, students either use the **school bus** or go **on foot**.

In Year 4 there are **99 children** in **all**.

Below is some more information.

- **18 girls** go to school **on foot**.
- **76 students** use the **school bus**.
- **37 boys** use the **school bus**.



a) How many **girls** use the **school bus** at Greenhill School?

Show your working here.

girls

b) How many **students** go to school **on foot**?



Show your working here.

students

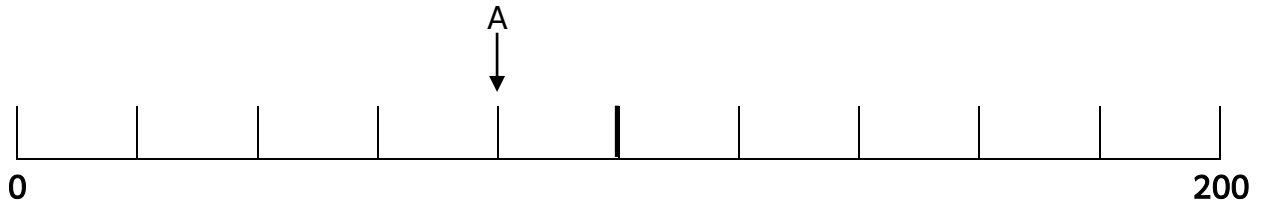
c) How many Year 4 **students** are **girls** at Greenhill School?

Show your working here.

students

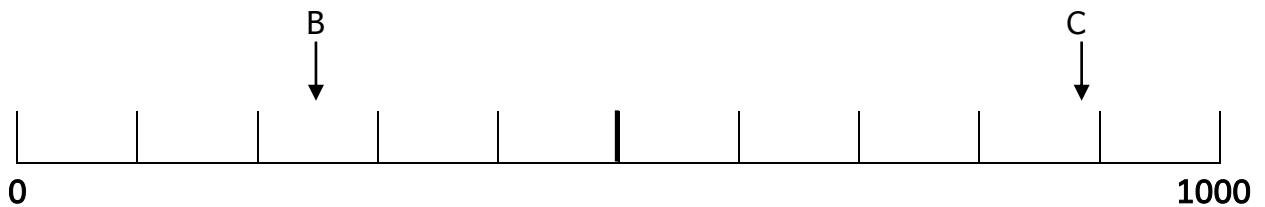
(6 marks)

13a) What number is **Arrow A** pointing to?



A =

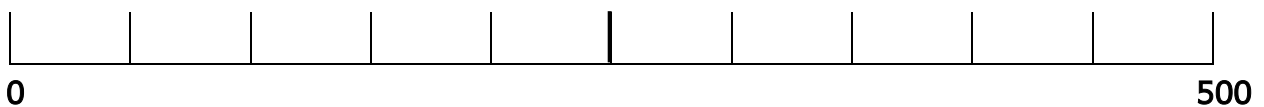
b) Arrows **B** and **C** are pointing to two different numbers.  
Give an **estimate** of these numbers.



(i) B =

(ii) C =

c) Draw an arrow on the number line to show 350.



d) How many **different two-digit numbers** are there from 1 and 100?

(6 marks)

**END OF PAPER**