Initial Screening Test*
Maths

Version A

Name _____

ID _____

Course _____
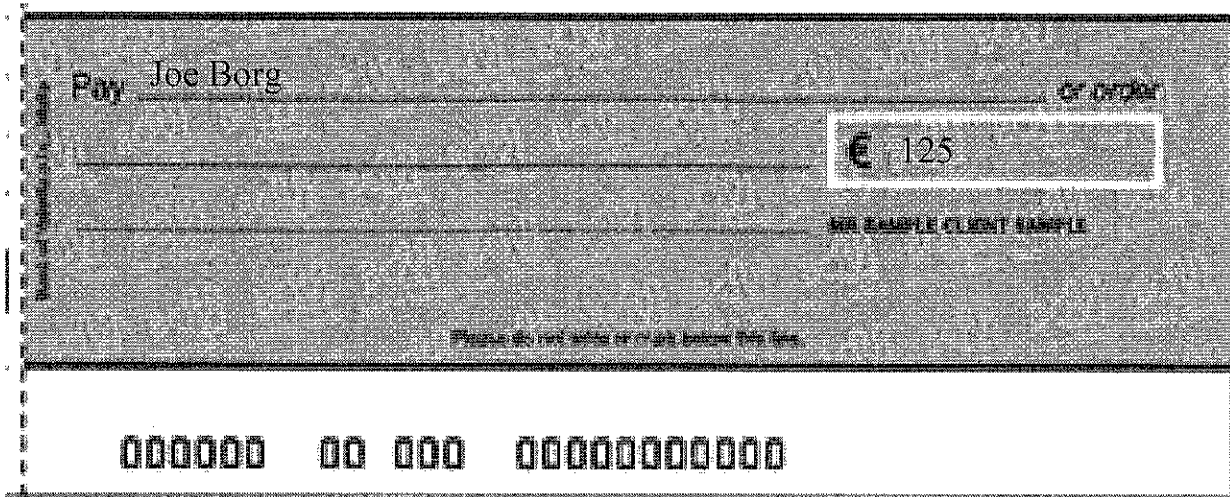
Time   1.5 hours

Total Mark	

* This IST is carried out for the sole purpose of screening students into either Level 1 or Level 2.

1. You need to pay Mr Joe Borg the amount of €125. Write the number in **words** on the cheque.
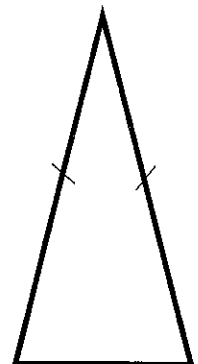
Pay   Joe Borg   or Order

€ 125

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2. James wants to buy a smartphone which costs €238.14. What is the cost of this phone to the nearest Euro (**whole number**)?

Ans: _____

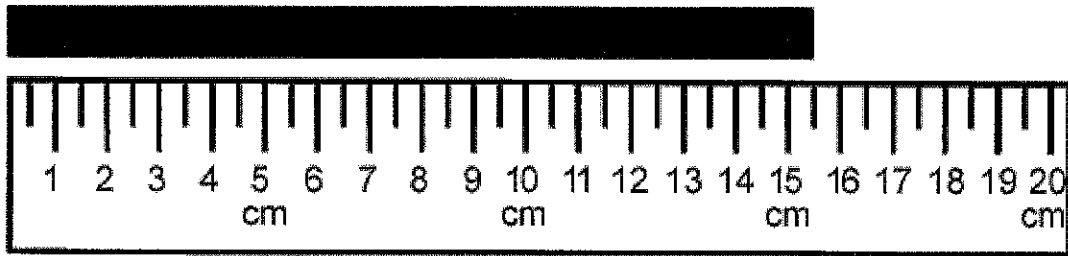---

3. What type of triangle is the one shown? Underline the correct answer.

A)   Equilateral Triangle   C)   Isosceles Triangle

B)   Right-Angled Triangle   D)   Scalene Triangle

4. What is the length of this thick line according to the scale below? Include **unit** of measurement.

Ans: _____
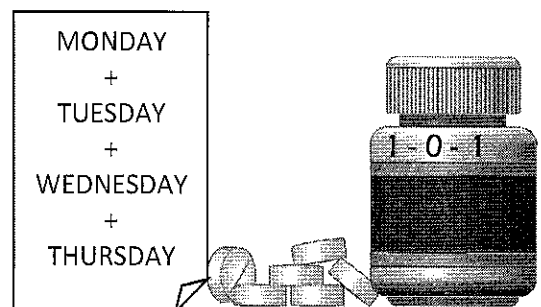
5. A woman weighed 78 kg before starting a diet plan. She lost 5 kg in a month. Calculate her new weight.

Ans: _____

6. A doctor told you to take 1 tablet, 2 times a day. How many tablets will you take in **4 days**?

MONDAY
+
TUESDAY
+
WEDNESDAY
+
THURSDAY

Ans: _____

7. Three friends went out for dinner. The bill came to 66 Euros and was shared equally between them. How much did each person pay?
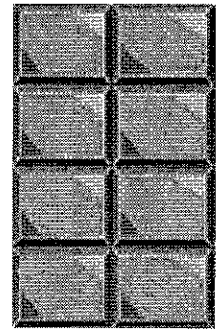
Ans: _____

8. A shop is having a **50%** discount on all items. How can this discount be written as a fraction? Give your answer in its simplest form.

Ans: _____

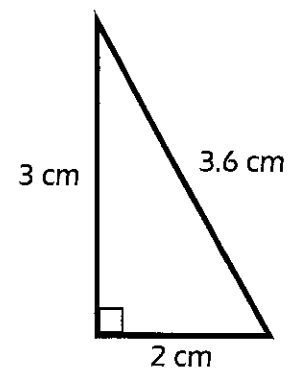9. Mark eats $\frac{3}{4}$ of an 8-piece chocolate. How many pieces did he eat in all?

Ans: _____

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10. Find the **area** of this triangle using the formula below. Write down the correct units of measurement.
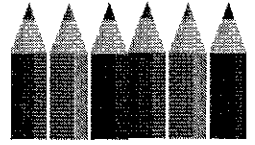
$$\frac{base \times height}{2}$$

3 cm   3.6 cm

2 cm

Ans: _____

11. This clock is showing time one **morning** (am).
Underline the correct version that would be shown on a
24-hour digital clock:

A)   11:30   C)   23:30

B)   22:30   D)   10:30

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12. What are the coordinates of point G?
Underline the correct answer.

(A)   G(4 , 2)

(B)   G(6, 5)

(C)   G(2 , 4)

(D)   G(5, -4)

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13. A piece of plastic weighs 200 g. What **fraction of a kilogram** is this?
Give answer in simplest form.

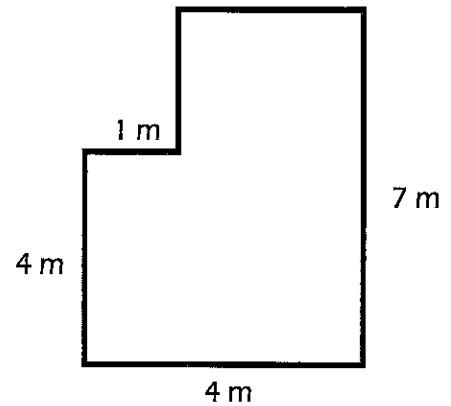---

14. If 6 pencils cost €1.80, what is the cost of 5 pencils?
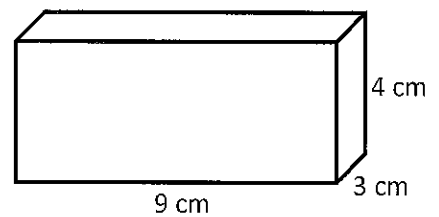
€1.80

?

Ans: _____

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15. Find the **perimeter** of this figure, showing all your working. Write down the correct units of measure.

1 m

7 m

4 m

4 m

Ans: _____

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16. Find the **volume** of the cuboid below, showing all your working. Write down the correct units of measure.

4 cm

9 cm

3 cm

Ans: _____

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17.   Calculate: $4^2 - 14 \div (3 + 4)$
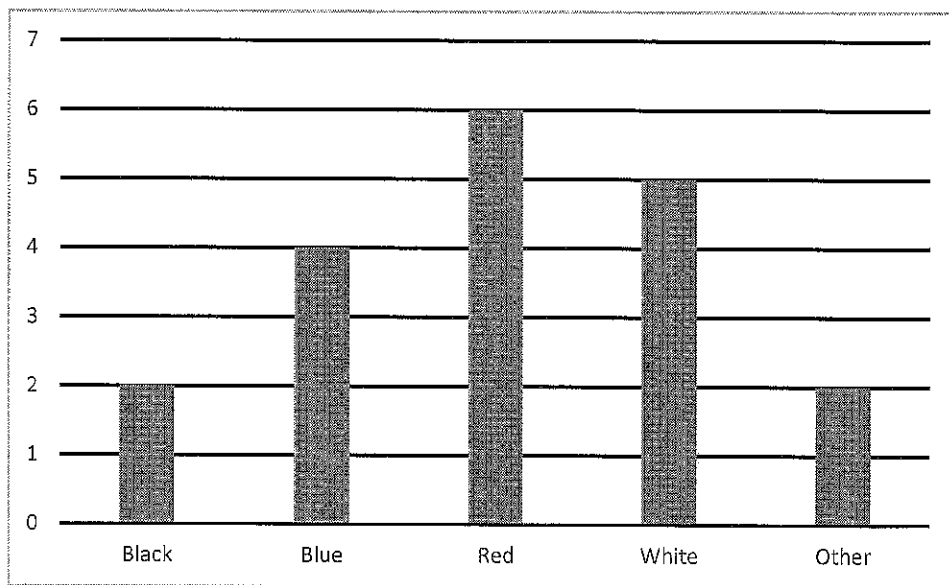
Ans: _____

18.   Find the value of $5x - 2y$, when $x = 3$ and $y = 4$.

19.   The bar chart below shows the car colour of cars owned by different people. How **many more** people owned a white car than a black one?
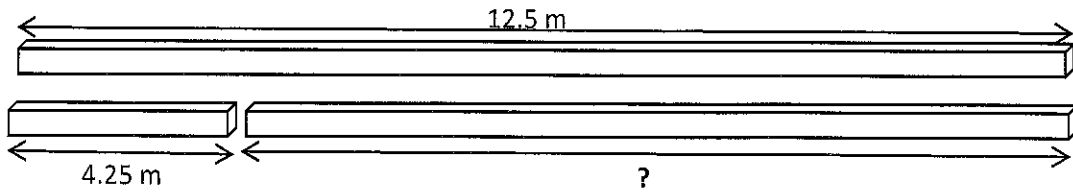

Car Colour

Ans: _____

20.   An iron rod was 12.5 metres long. It is divided into two pieces, one of
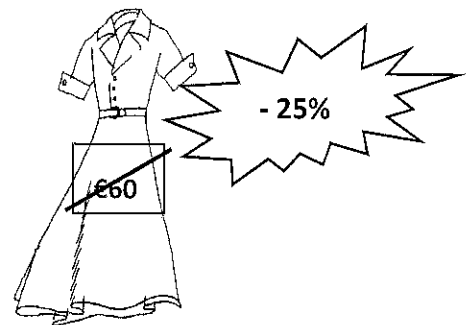   which is 4.25 metres long. What is the length of the other piece?

                                                                Ans: _____

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21.   If a dress costs €60, finds its cost during a 25% discount period. Underline
       the correct answer.

           A.   €25

           B.   €30

           C.   €45

                                                                Ans: _____

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22.   Solve $5x - 8 = 7$

                                                                Ans: _____