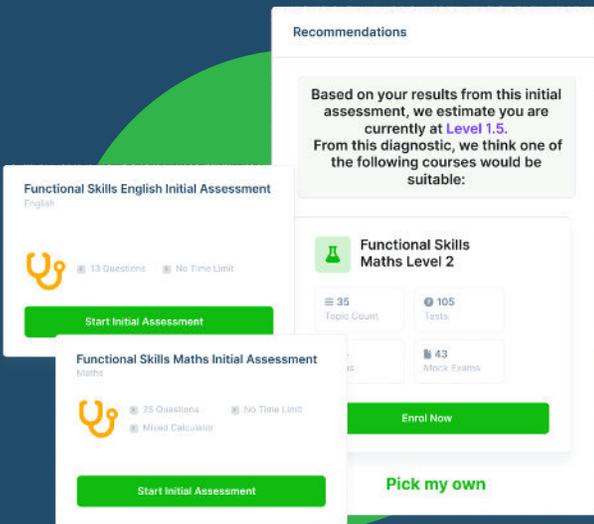




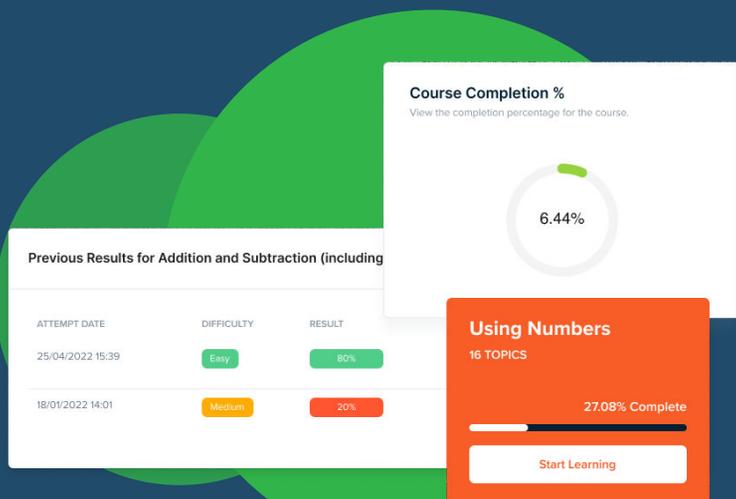
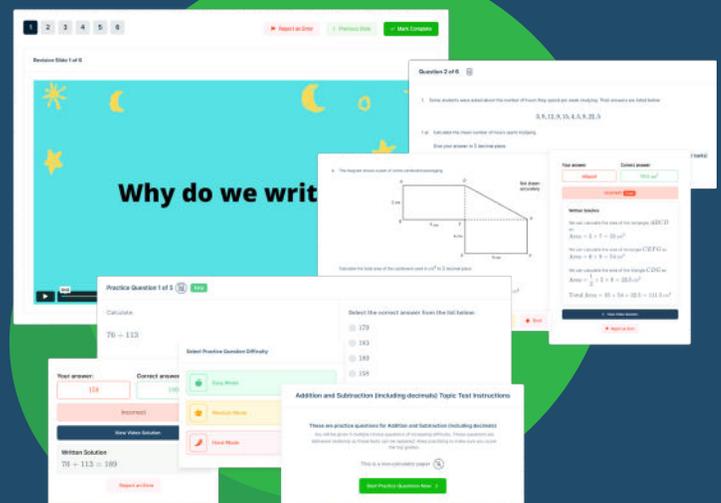


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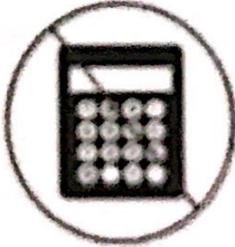
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**SECTION 1 – CALCULATOR NOT PERMITTED**

There are **15** marks available in this section.

You should check all your work as you go along.

You must **not** use a calculator in this section.



Q1

4.7 x 1000 =

4700

(1 mark)

Q2

16  $\frac{2}{3}$  is the same as

(tick one box)

A  $\frac{18}{3}$

B  $\frac{50}{3}$

C  $\frac{32}{3}$

D  $\frac{48}{3}$

(1 mark)

Q3

What is 8% as a decimal?

0.08

(1 mark)

Q4

12<sup>2</sup> =

144

(1 mark)

Q5

What is 7.2857 rounded to two decimal places?

7.29

(1 mark)

Q6

$8 + (7 - 5) \times 3 =$

14

(1 mark)

Q7

What is two hours and thirty eight minutes in **minutes**?

158

minutes  
(1 mark)

Q8

What is  $\frac{2}{5}$  of 300m?

120

metres

(1 mark)

**Q9**

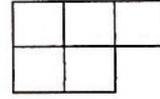
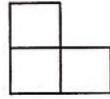
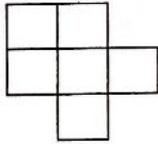
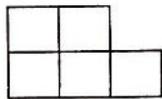
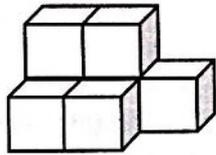
Which one of these lists of decimals is in **increasing** order?

(tick one box)

- A 0.401 0.42 0.503 0.59
- B 0.59 0.503 0.42 0.401
- C 0.42 0.59 0.401 0.503
- D 0.503 0.59 0.42 0.401

**Q10**

Which is a **plan view** of the object shown?



(tick one)

A

B

C

D

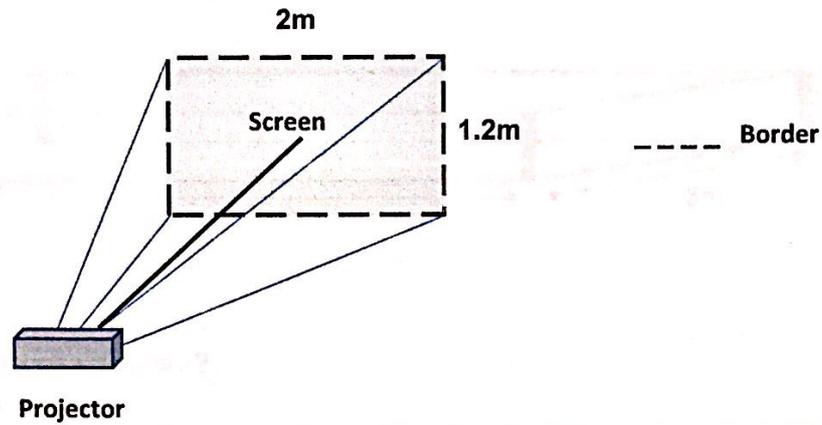
(1 mark)

**Q11**

A community centre projects films on to a screen.

The manager wants to make a wooden border around the screen.

She needs to order the wood.



What length of wood does she need to order?

Show your working

$$2 + 1.2 + 2 + 1.2$$

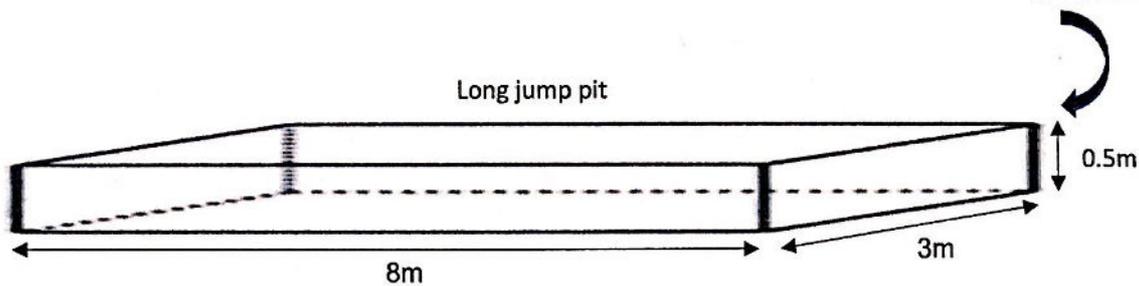
$$\underline{\quad 6.4 \quad} \text{ m}$$

(2 marks)

Q12

A sports club needs to replace the sand in a long jump pit.

The groundsman works out the capacity of the long jump pit to order enough sand.



What amount of sand does he order?

Put units on your answer.

Show your working

$$8 \times 3 \times 0.5 = 12$$

$$\underline{12 \text{ m}^3}$$

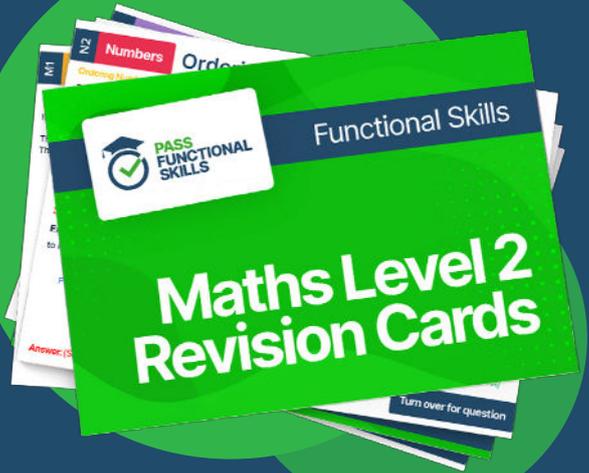
(3 marks)



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