

11+

Weekly
Worksheets

11 Plus Exam Preparation



Written by experts

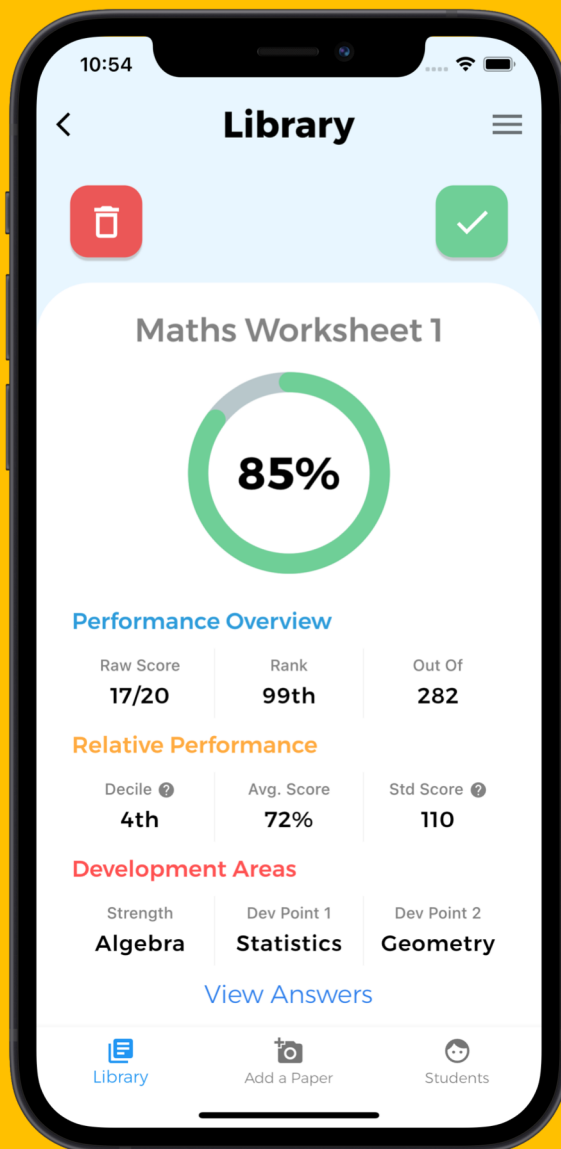


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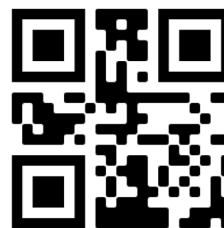


Answer Sheet

Paper Name: Maths Worksheet #9

Paper ID: WW-MA-09-20Q

Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
AFTERWARDS TO MARK YOUR WORK.**

How to answer:



A



B



C



D



E

How not to answer:



A



B



C



D



E


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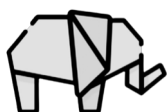
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	A	B	C	D	E
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E

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Instructions

1. You have 30 minutes to complete this test
2. This is a multiple-choice test and each question carries one mark
3. Mark your answers clearly on the answer sheet using a HB pencil
4. Ensure that the rectangle on the answer sheet is fully shaded in like this 
5. If you mark the wrong answer, ensure that you erase it and mark your new answer clearly
6. Any rough workings should be done on a separate sheet of paper
7. Do not turn over page until you are told to do so
8. Use the Exam Happy app to mark your answers and see where you rank amongst peers
Search “Exam Happy” on your App Store



01

Harry ran the 200 m race at his school sports day in 28.83 seconds.

What is the value of 3 in 28.83?

A $\frac{30}{100}$

B $\frac{3}{300}$

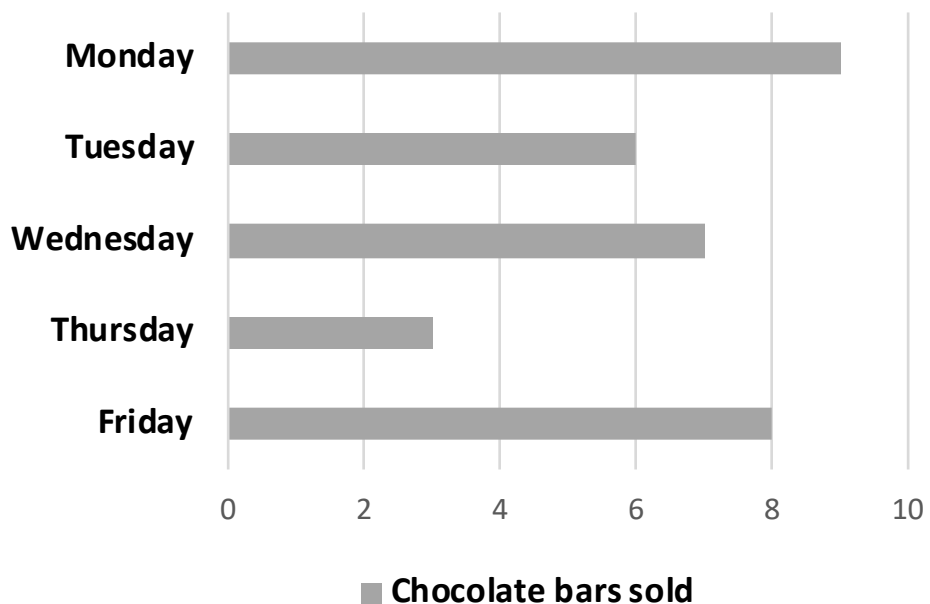
C $\frac{3}{100}$

D $\frac{3}{10}$

E $\frac{3}{1000}$

02

The graph below shows how many chocolate bars Mandy sold between Monday to Friday.



What is the average number of chocolate bars Mandy sold per day?

A 4.5

B 6

C 7.5

D 6.6

E 3.7

03

What is 810 divided by 18?

A 35

B 40

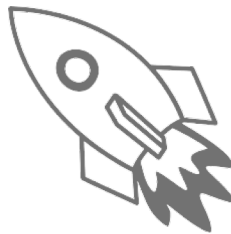
C 90

D 10

E 45

04

The astronauts at NASA are testing how many seconds it takes 6 new rockets to travel 10 miles. The results of the tests are below:

**Rocket A: 1.26 s****Rocket B: 0.99 s****Rocket C: 1.87 s****Rocket D: 0.18 s****Rocket E: 1.08 s**

Which rocket completes 10 miles in the median amount of time?

- A** Rocket A **B** Rocket E **C** Rocket B **D** Rocket D **E** Rocket C

05

Which of the following is the largest?

- A** 3600 sec **B** 880 hours **C** 35 days **D** 4 weeks **E** 1 month

06

Lea takes the phrase “an apple a day keeps the doctors away” literally.

How many apples did she eat in 2021, 2022 and 12 weeks of 2023?

- A** 814 **B** 742 **C** 377 **D** 816 **E** 449

07

There are three hundred thousand, four hundred and seventy-six ants in an ant hill.

What is this amount written in figures?

- A 304,076 B 340,076 C 300,476 D 300,746 E 370,046

08

Jonah and Jessica have organized a netball tournament in which 13 teams will be competing. Each team has the same number of players and Jonah has bought 91 coloured bibs for every team member.

How many players are in each team?

- A 13 B 7 C 12 D 8 E 11

09

Lady B has asked her Marketing team to sell 600,000 copies of her new album. So far, the team has sold 435,600 from pre-orders and they are expecting to sell another 58,300 at her concert next week.



600,000 Total



435,600 - Pre-ordered



58,300 - Concert Sales



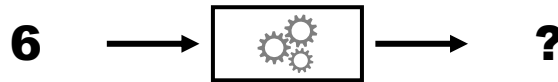
? - Spare

How many CDs will be left over after the concert?

- A 107,100 B 106,270 C 106,100 D 108,760 E 206,230

10

This machine cubes the input number and then divides by 9.



What is the output of the machine?

A 216

B 1944












C 18

D 4

E 24

11

Miss Jackson wants to know where her 36 students would like to go on a school trip. She let them choose between the zoo, the museum, the park, and the beach.

Activity	Number of Students
Zoo	   
Beach	 
Park	  
Museum	
 = 4 Students	

How many students would like to go to the museum?

A 3

B 2

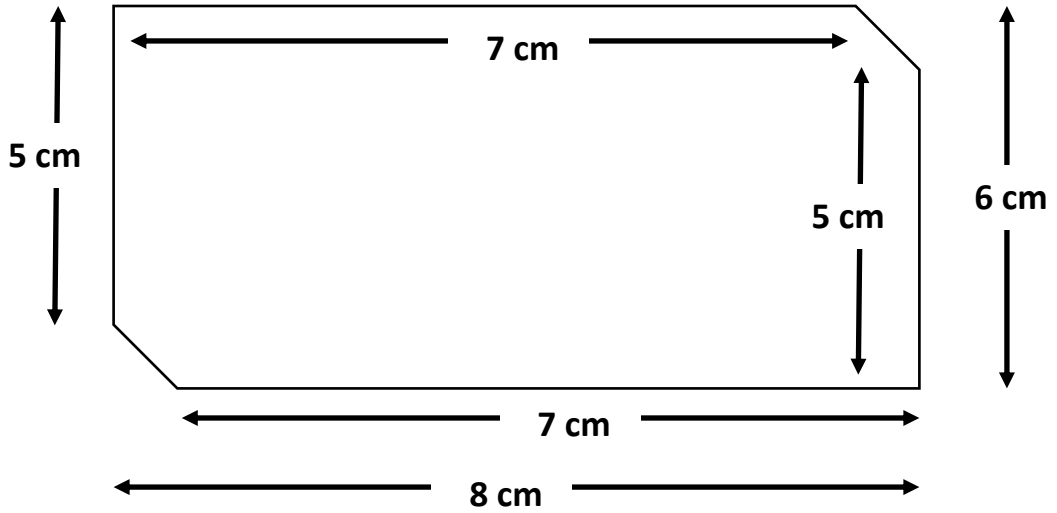
C 6

D 8

E 5

12

What is the area of the shape below?



- A 48 cm² B 47 cm² C 35 cm² D 42 cm² E 40 cm²

13

Adam has been collecting stamps for 10 years and he has decided to donate 37.5% of them to charity.

If Adam donates 33 stamps, how many did he have in total?

- A 136 B 94 C 55 D 13 E 88

14

Which of the following does not have any lines of symmetry?

MUM
NUN
DID
HOB
BED

- A MUM B DID C BED D HOB E NUN

15

Sarah thinks her food is going off early because her fridge temperature is too high. She decides to reduce the current temperature of 3°C by 150%.

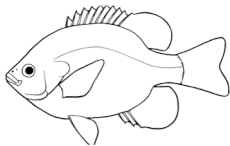
What temperature has Sarah set her fridge to?

- A 2°C B -1.5°C C -3°C D 1.5°C E 0°C

16

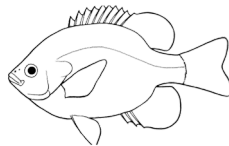
Mr. Kipper the fishmonger buys 96 fish at the market to sell later that day. Today, he has sold $\frac{1}{3}$ of his fish before midday and he hopes to sell another $\frac{1}{4}$ of what is remaining after midday.

Start of the day



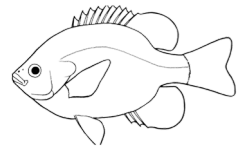
96 fish

Before midday



$\frac{1}{3}$ sold

After midday



$\frac{1}{4}$ sold

How many fish will Mr. Kipper have left at the end of the day?

- A 40 B 48 C 24 D 38 E 56

17

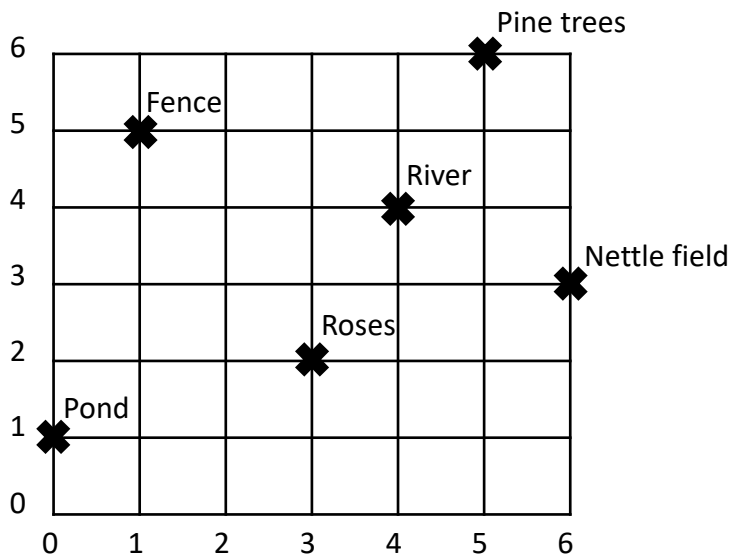
Berty is travelling from Glasgow to Newcastle on the train today and he wants to avoid sitting in a carriage that has a toilet in it. Out of the 48 carriages, $\frac{12}{32}$ of them have toilets.

How many carriages do not have toilets in them?

- A 30 B 18 C 12 D 16 E 9

18

Lily is lost in the woods. She is currently by the pine trees, but she needs to get to the pond. She has the map below to help her.



How many spaces in the x-direction and y-direction must she walk?

- A (-6 , -4)
- B (6 , 4)
- C (5 , 5)
- D (-5 , -5)
- E (-4, -5)

19

How many three-digit numbers contain the digit '7'?

- A 252
- B 272
- C 251
- D 152
- E 153

20

What is the difference between 16 squared and the nearest multiple of 45?

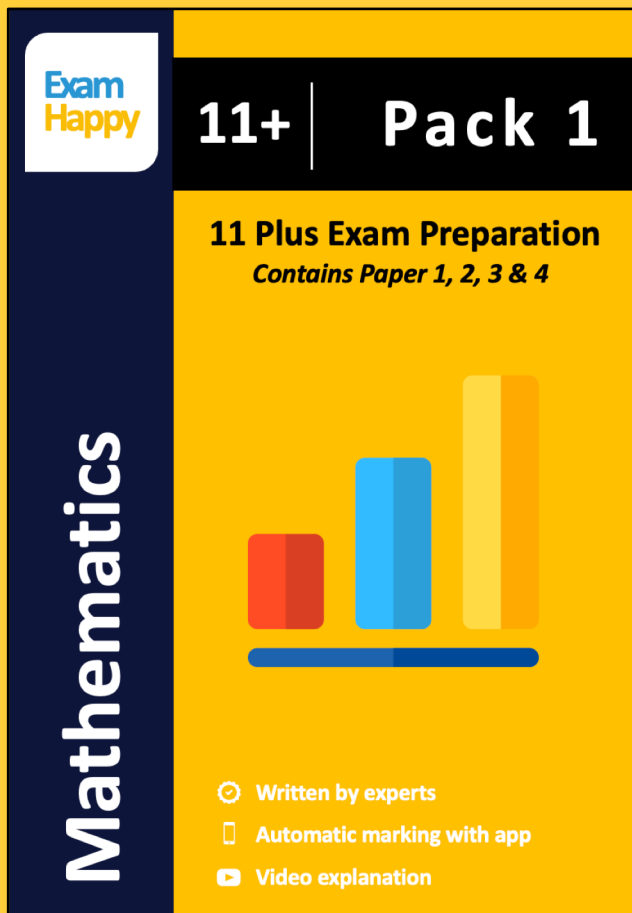
- A 41
- B 31
- C 14
- D 34
- E 15

End of Test: Now take a picture of your answer sheet in the Exam Happy app to mark your answers

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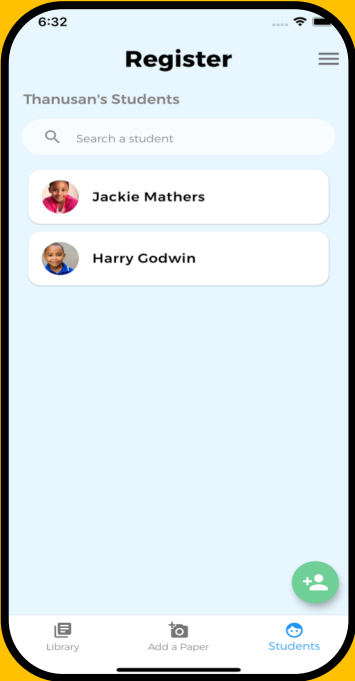


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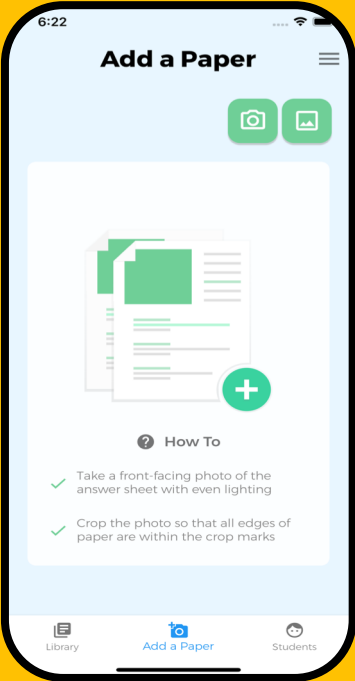
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Using the App

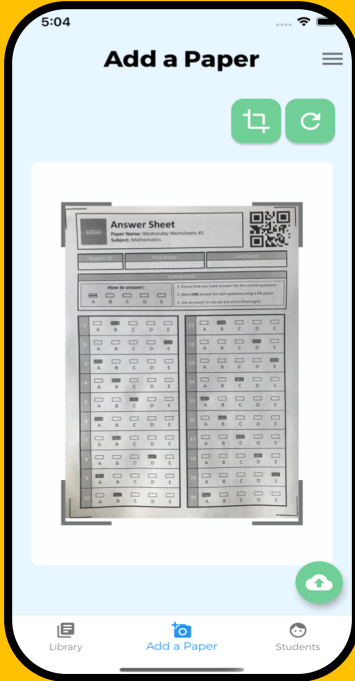
1 Finish paper and take picture of answer sheet to instantly mark



Register

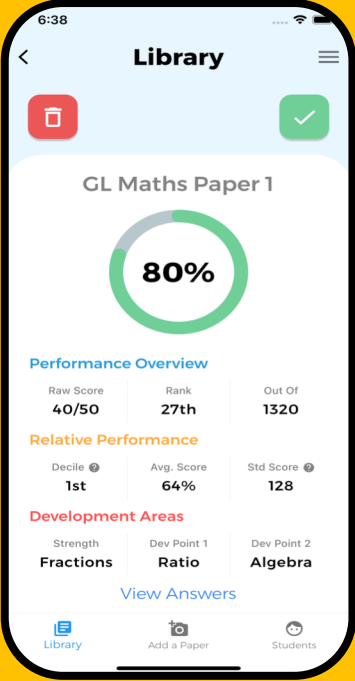


Take a picture



Upload

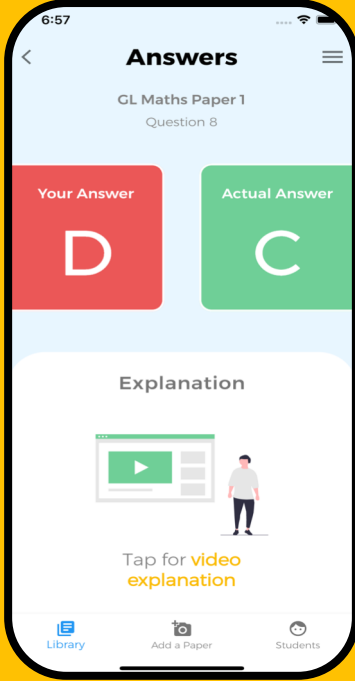
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Instantly mark



Check mistakes



Video solutions

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