

11+

Weekly  
Worksheets

## 11 Plus Exam Preparation



Written by experts

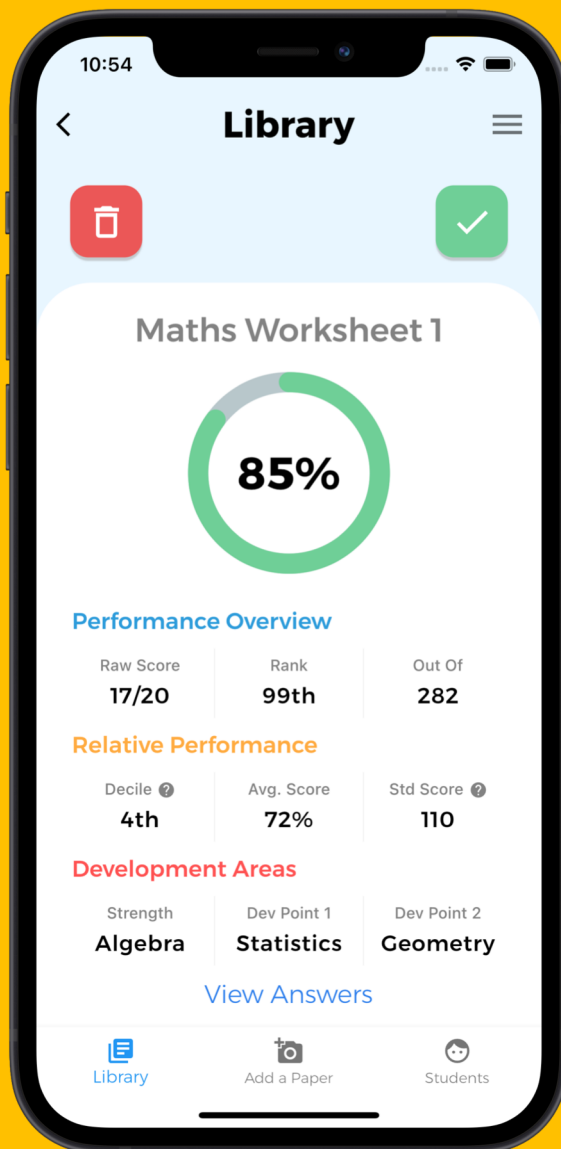


Automatic marking with app



Video explanation

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to mark your answers



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(~1 min)



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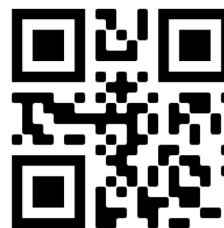


# Answer Sheet

Paper Name: Maths Worksheet 7

Paper ID: WW-MA-07-20Q

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

Use the **free Exam Happy app** to **view the average** for this paper and learn from **video solutions**

|    |                          |                          |                          |                          |                          |
|----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 2  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
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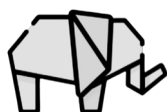
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| 12 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 13 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 14 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 15 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 16 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 17 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 18 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | A                        | B                        | C                        | D                        | E                        |
| 19 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|    | 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

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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**



1

Which of these numbers is the largest?

- A 9.999      B 10.109      C 10.099      D 10.101      E 9.109
- 

2

How many numbers between 1 and 30, inclusive, are either prime numbers or square numbers?

- A 12      B 13      C 14      D 15      E 16
- 

3

If  $4,232 \times 84 = 355,488$ , then what is  $2,116 \times 42$ ?

- A 88,872      B 177,744      C 355,488      D 92,312      E 88,412
- 

4

What is the area of a parallelogram with a base of 12.4 cm and perpendicular height of 9.5 cm?

- A  $58.9 \text{ cm}^2$   
B  $112.0 \text{ cm}^2$   
C  $117.8 \text{ cm}^2$   
D  $335.6 \text{ cm}^2$   
E Further information is required.
- 

5

In the equation  $6b - 19 = 23$ , what is the value of  $b$ ?

- A 7      B 6      C  $\frac{4}{6}$       D 24      E 9

6

The conversion between kilogram and pounds is  $1 \text{ kg} = 2.2 \text{ lbs}$ . How much does a suitcase weighing 45 kg weigh in pounds?

- A 20.0 kg      B 90.0 kg      C 99.0 kg      D 94.5 kg      E 22.5 kg

7

What is four and one-fifth divided by three and six-eighths?

- A  $\frac{63}{4}$       B  $\frac{56}{85}$       C  $\frac{24}{25}$       D  $\frac{48}{85}$       E  $\frac{28}{25}$

8

A hotel has 300 rooms and charges £220 per night per room. On a particular night, the hotel is at 80% occupancy. How much revenue did the hotel make that night?

- A £13,200      B £66,000      C £48,000      D £54,900      E £52,800

9

A holiday park offers a special deal for families of four: kids go free! The deal includes accommodation but not food. The accommodation cost is £74 per person per night and a family with 2 kids spends £38 on food per day on average. How much did the family spend on accommodation and food for a 3-day break?

- A £336      B £558      C £186      D £1,002      E £469

10

In the summer, an ice-cream salesman generates £9421 in sales compared to £2365 in the winter. What percentage of summer sales does he generate in winter?.

- A 398%      B 42%      C 17%      D 74%      E 25%

11

Jeriah is trying to gain weight over the course of 4 weeks. His initial weight is 65.3 kg, gaining 0.2 kg in week 1 and losing 0.3 kg in week 2. In week 3, he gains triple the weight gained in week 1. In week 4, he gains a further 0.1 kg. How much did he weigh at the end of the 4 weeks?

- A 65.5 kg      B 65.9 kg      C 66.5 kg      D 66.1 kg      E 65.4 kg

12

A factory produces fidget spinners for children. A batch contains 500 fidget spinners and a small percentage of the products are faulty. If 0.4% of every batch is faulty, how many faulty products are produced after 5 batches?

- A 10      B 2      C 4      D 20      E 8

13

At the electronics shop, Lassy purchases a keyboard, a mouse and a mouse mat, costing £29.99, £18.49 and £12.99 respectively. If Lassy receives a 10% loyalty discount, then what is her total bill?

- A £61.47      B £61.50      C £55.32      D £6.15      E £55.35

14

The population of a fruit fly swarm increases by 10% every 2 days. If there currently 200 flies in the swarm, after how many days would it take to surpass 300 flies?

- A 10      B 8      C 12      D 4      E 6

15

Arla buys a large carton of coconut water with a volume of 3.5 l. How many cups of capacity 180 ml can she fill with this carton?

- A 20      B 194      C 19      D 195      E 17

16

After a shopping trip, Tina and her sister carried three bags each into the house. Tina's bags weighed 1.25 kg, 850 g and 1.6 kg. Her sister's bag weighed 450 g, 0.9 kg and 1.05 kg. How much heavier are Tina's bags than her sister's?

- A 2.40 kg      B 1.20 kg      C 3.70 kg      D 1.30 kg      E 3.60 kg

17

After winning a £5,000 lottery, Jamie received £4,250 in total after tax. How much was the tax?

- A 12.5 %      B 15.0 %      C 17.5 %      D 20.0 %      E 22.5 %

18

A parking fine is £120 but is reduced by 35% if paid within 14 days. How much is the reduced rate?

- A £42      B £30      C £66      D £78      E £90

19

A phone is currently on 42% charge. If it charges at a rate of 3% a minute, how long would it take to charge to full charge?

- A 19      B 33      C 34      D 20      E 16

20

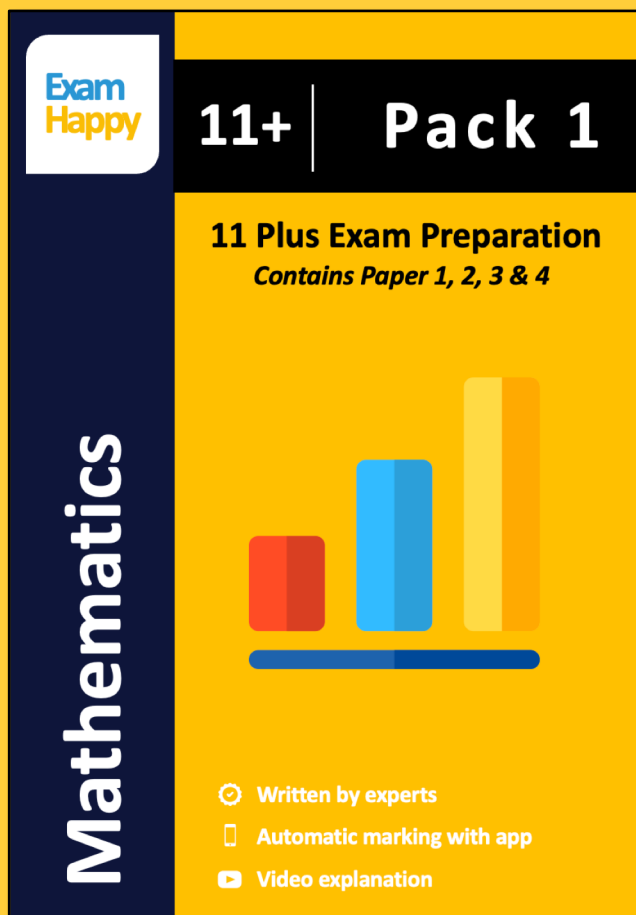
During a storm, Michaela's washing lines were damaged and had to be replaced. She bought a pack of washing line which contained 25 m of line in total. She must replace lines that are 12.53 m and 8.69 m in length. What is the remaining length of line after replacing the damaged lines?

- A 3.22 m      B 3.78 m      C 21.22 m      D 4.78 m      E 5.12 m

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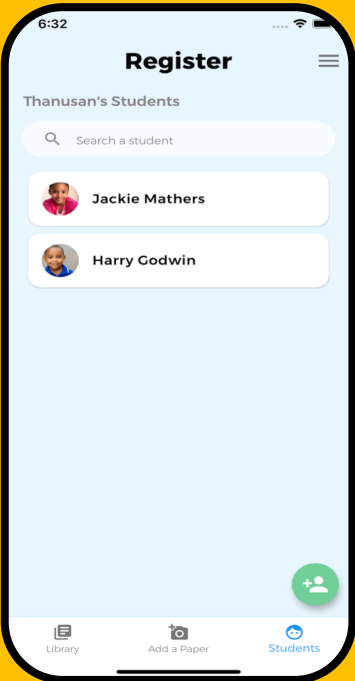


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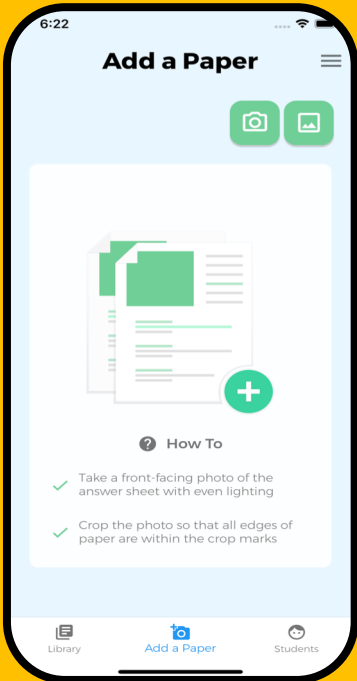
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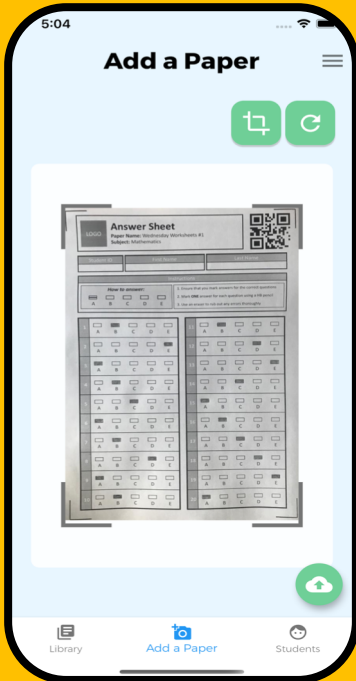
## 1 Finish paper and take picture of answer sheet to instantly mark



Register

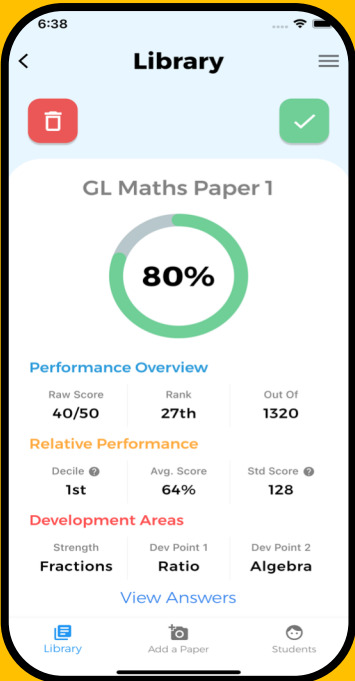


Take a picture

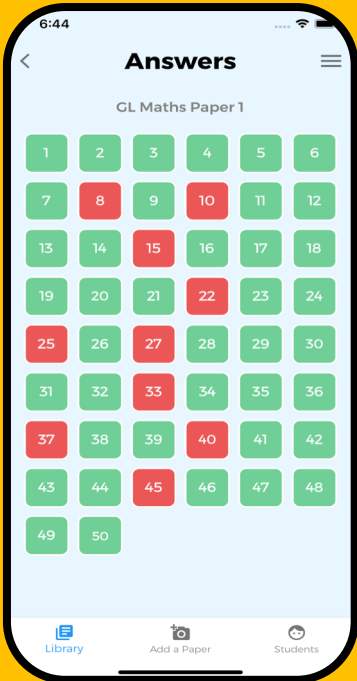


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Check mistakes



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