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11+ | Weekly Worksheets

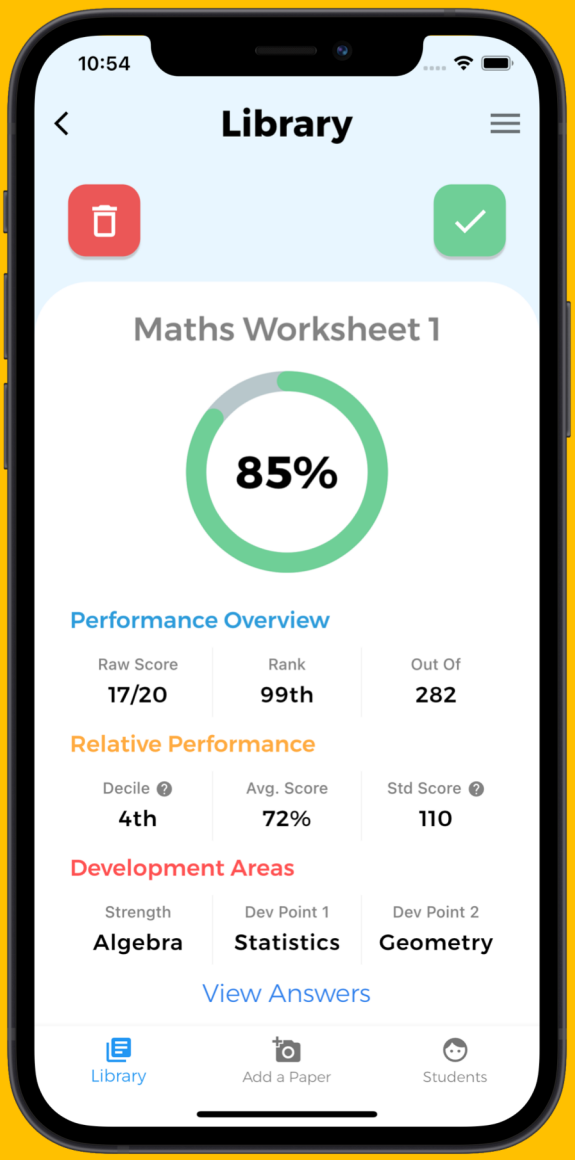
11 Plus Exam Preparation

Mathematics

- Written by experts
- Automatic marking with app
- Video explanation

Answers

Use the ExamHappy app to mark your answers



Watch our video tutorial now!

(~1 min)

Simply take a photo of your answer sheet and receive scores in seconds...

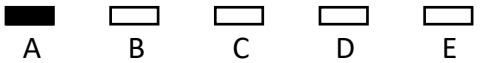
...and see how your child ranks against peers, identify strengths & weaknesses & view video solutions

Answer Sheet

Paper Name: Maths Worksheet 8
Paper ID: WW-MA-08-20Q
Full Name:

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

How to answer:



How not to answer:

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

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E

11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E

← ENSURE 4 CORNER TRIANGLES ARE VISIBLE WHEN UPLOADING →

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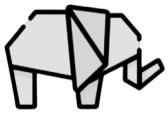
11+

Weekly Worksheet 8

Mathematics

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



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1

Jarim buys a 5-litre bag of compost. He fills up 2 plant pots which have a capacity of 375 ml each and a plant bag which has a capacity of 125 ml.

How much compost is left in the bag?

A 5.875 l **B** 4.250 l **C** 4.125 l **D** 3.875 l **E** 4.500 l

2

Which of these numbers is closest in value to 10?

A 10.102 **B** 9.099 **C** 10.019 **D** 9.899 **E** 9.975

3

The following table shows the height of five children in Mahogany class.

Name	Height (cm)
Adrian	143.6
Baldeep	152.6
Claire	135.5
Dennis	139.4
Elmyn	142.7

Which two children have a difference in height of 0.9 cm?

A Adrian and Baldeep

B Adrian and Emlyn

C Baldeep and Dennis

D Claire and Emlyn

E Dennis and Claire

4 Kelly's birthday is exactly 60 days after Junior's birthday, which is on 30th May.

When is Kelly's birthday?

A 26th July **B** 27th July **C** 28th July **D** 29th July **E** 30th July

5 **What is 3.69 x 4?**

A 14.40 **B** 13.46 **C** 14.52 **D** 15.92 **E** 14.76

6 Mimi purchases 5 bars of chocolate at a price of £0.89 each. She pays for the chocolate with a £5 note.

How much does Mimi receive in change?

A £0.45 **B** £4.50 **C** £0.55 **D** £4.45 **E** £0.50

7 Naika went to the local park. She spent 36 minutes jogging, 42 minutes meditating and a further 15 minutes stretching before heading home.

How long did Naika spend in the park altogether?

A 1 hour 12 minutes

B 1 hour 33 minutes

C 1 hour 13 minutes

D 1 hour 24 minutes

E 1 hours 41 minutes

8

The clock on Adam's wall in running 44 minutes fast.

What is the actual time?

A 11:52 **B** 13:20 **C** 18:19 **D** 12.36 **E** 19:47

9

What is $4^3 - 2^2 \times 3$?

A 24 **B** 52 **C** 180 **D** 0 **E** 32

10

A funfair received 32,203 visitors on the first day of opening. On the second day, there were 903 more visitors than the day prior. The day after that, 365 fewer visitors than the day prior visited.

How many visitors were there on the third day?

A 32,568 **B** 31,035 **C** 30,935 **D** 33,471 **E** 32,741

11 Tulika wrote down a number in Roman numerals.

CMLXXXIII

What number did Tulika write down?

A 1183 **B** 1583 **C** 983 **D** 933 **E** 583

12 **If 3b + 6 = -12, then what is the value of b?**

A 2 **B** -2 **C** 6 **D** -6 **E** 18

13 Slate costs £32.99 per 10 kg and concrete costs £24.49 per 100 kg. For his home renovations, Daniel requires 500 kg of slate and 2 tonnes of concrete.

How much money is needed to buy the required slate and concrete?

A £6720.95 **B** £2039.30 **C** £1848.48 **D** £2139.30 **E** £1698.48

14 Raina adds up all of the prime numbers between 20 and 50 and then subtracts the result from 500.

What number does she end up with?

A 210 **B** 251 **C** 208 **D** 288 **E** 249

15 **How many minutes are there in 2 weeks?**

A 20,160 **B** 33,600 **C** 16,800 **D** 19,810 **E** 10,080

16 Kiran and Maya go shopping at a grocery store. Kiran buys 2 croissants and 3 apple tarts for £2.90. Maya buys 1 croissant and 1 apple tart for £1.25.

How much does an apple tart cost?

A £0.40 **B** £0.75 **C** £0.50 **D** £0.85 **E** £0.45

17 **What is the perimeter of a square which has a area of 256 cm^2?**

A 128 cm **B** 56 cm **C** 64 cm **D** 32 cm **E** 52 cm

18 3, 13, 17, 8, 21, 12, 9, 14, 11

What is the median of this set of numbers?

A 11 **B** 12 **C** 17 **D** 9 **E** 14

19 A doctor is able to see a patient every 15 minutes. In a working day, the doctor takes a 1-hour break for lunch and a further 15-min break in the afternoon.

How many patients can the doctor see in a 9am – 5pm shift?

A 32 **B** 28 **C** 27 **D** 31 **E** 30

20 Hadon Park football stadium has a capacity of 65,000 people. In the last football match of the season, the stadium was at 85% of total capacity.

What was the attendance of the last football match of the season?

A 55,250 **B** 61,750 **C** 9,750 **D** 52,000 **E** 3,250

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

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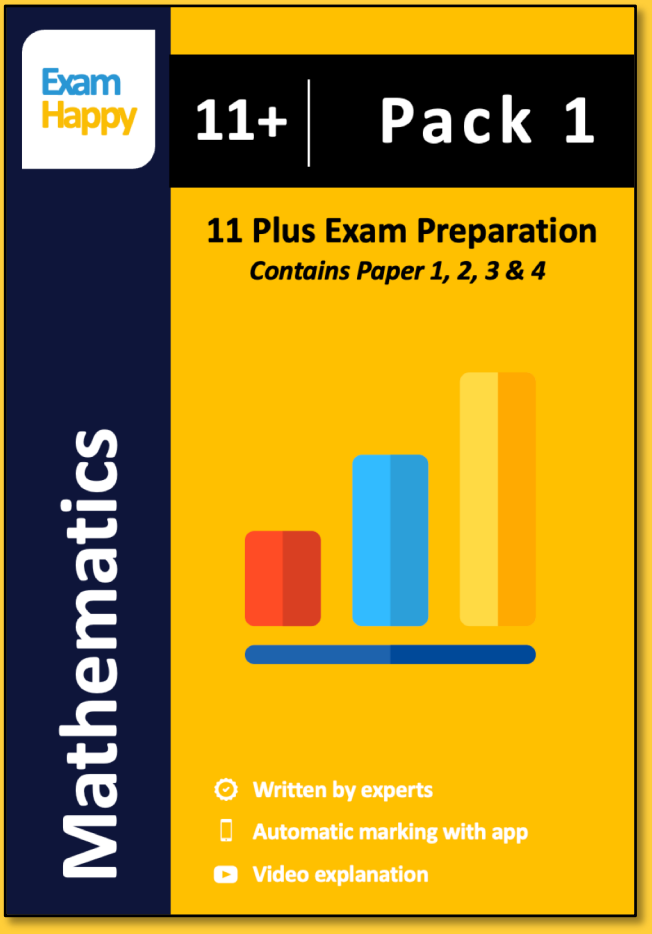

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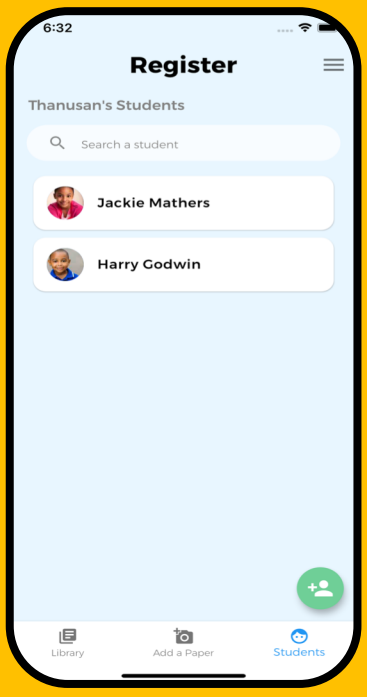
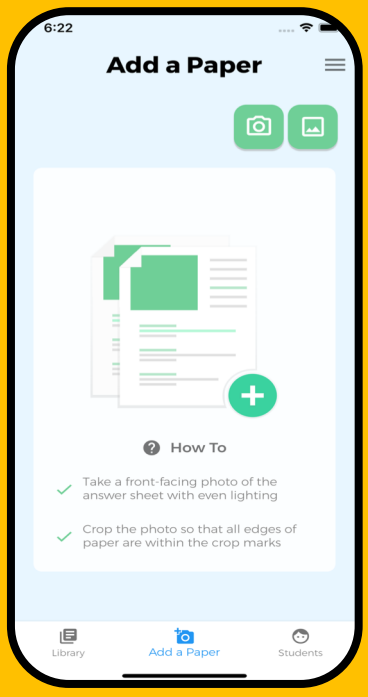


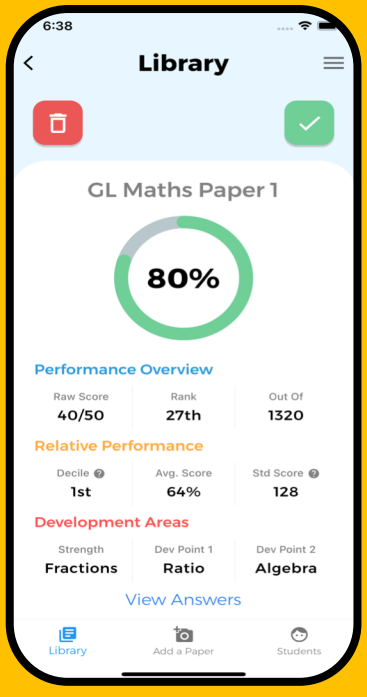
Register



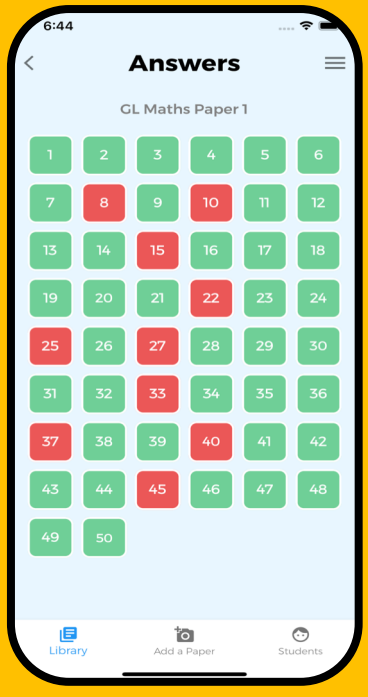
Take a picture

Upload

2 Access your score vs average, pass marks, and video explanations



Instantly mark



Check mistakes

Video solutions

About this pack

- Contains 1 complete Mathematics worksheet
- Expertly created in line with the national curriculum
- Excellent for Grammar & Independent school preparation
- Automatic marking & performance review via App
- Detailed video explanations included via App

About ExamHappy

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