Exam Happy

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

Library

Maths Worksheet 1

85%

Performance Overview

Raw Score	Rank	Out Of
17/20	99th	282

Relative Performance

Decile ?	Avg. Score ?	Std Score ?
4th	72%	110

Development Areas

Strength	Dev Point 1	Dev Point 2
Algebra	Statistics	Geometry

View Answers

Library | Add a Paper | Students
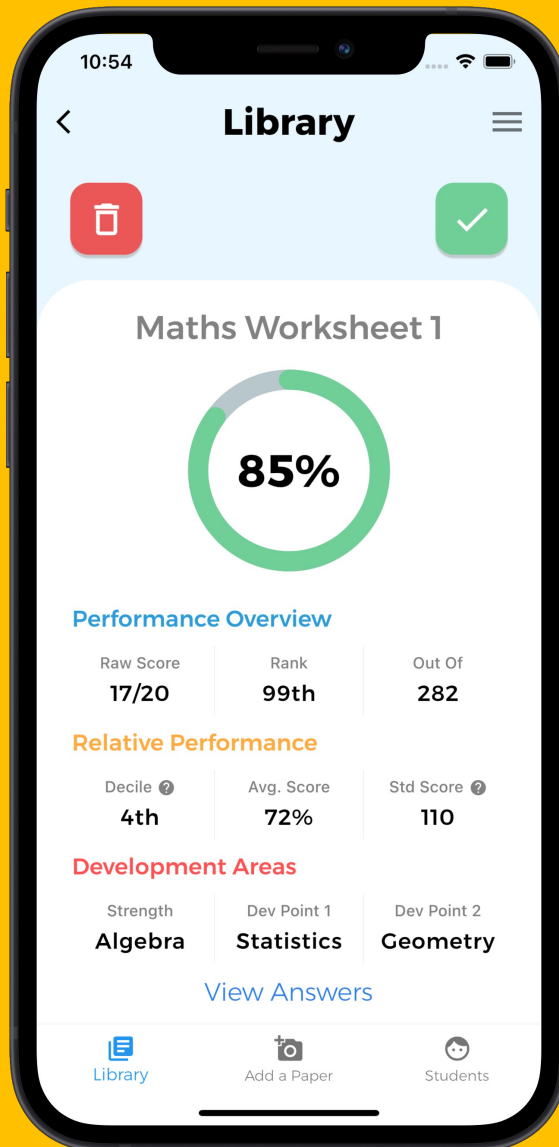
Watch our video tutorial now!
(~1 min)

✎ **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 4
Paper ID: WW-MA-04-20Q
Full Name:

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

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

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11+

Weekly Worksheet 4

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 you 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
    Download at www.examhappy.co.uk/app

ExamHappy
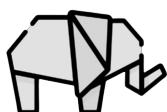
1 Sammy's bank provides 1.5% interest on money deposited into his account for one year. If he deposits £800 into his account, how much money will he have after 2 years?

A £812.00   B £820.12   C £824.18   D £818.12   E £826.18

2 An unfair die is twice as likely to land on an even number than an odd. If the die was rolled 90 times, what is the expected number of times it will land on the number 6?

A 12   B 15   C 10   D 20   E 18

3 During his daily run, Alex runs at a pace of 7 minutes per kilometre. If Alex's morning run took 24.5 minutes, how many kilometres did he run?

A 3.5 km   B 2.0 km   C 3.0 km   D 4.5 km   E 3.4 km

4 Which of the following is equal to one hundred thousand?

A number of millilitres in a centilitre

B numbers centimetres in a kilometre

C number of grams in a tonne

D number of pennies in one hundred pounds

E number of grams in a kilogram

5 Andy sketches a square which has area of 196 cm². What is the perimeter of Andy's square?

A 64 cm   B 65 cm   C 56 cm   D 68 cm   E 54 cm

6 Santi reads cooking instructions for roast turkey which states 20 minutes with an additional 2 minutes for every 100g of mass. If a turkey weighs 1.3 kg, then how long should Santi cook the turkey for?

A 33 mins   B 42 mins   C 26 mins   D 36 mins   E 46 mins

7 Chloe counts up in steps of $1\frac{2}{3}$. If she starts at 0, then which of these numbers did she count up to?

A $6\frac{1}{3}$ B 3   C $2\frac{2}{3}$ D $5\frac{1}{3}$ E 10

8 Jameel buys 6 packs of tissue with a £2 coin and gets 14 pence as change. What is the cost of 1 pack of tissue?

A £0.32   B £0.28   C £0.31   D £0.34   E £0.21

9 Keshan buys 3 t-shirts and 2 jogging bottoms for £36. Melina buys 5 t-shirts and 4 jogging bottoms for £64. What is the cost of a jogging bottom?

A £8   B £10   C £6   D £12   E £9

10 The temperature in Berlin is 10 °C colder than in London. The temperature in Moscow is 7 °C colder than in Berlin. If the temperature in London is 7 °C, then what is the temperature in Moscow?

A -10 °C   B -17 °C   C 24 °C   D 17 °C   E -12 °C

Proceed to next page ➔

11 A recipe to make Bakewell tarts requires jam, butter and sugar in the ratio 4 : 4 : 3. If these ingredients weigh 330 g in total, then how much sugar is needed?

A 110 g   B 90 g   C 220 g   D 180 g   E 99 g

12 An online adventure game charges both monthly and annual membership. Monthly membership costs £4.99 a month and annual membership costs £47.99. How much cheaper is it to purchase an annual membership than to purchase 12 months of monthly membership?

A £59.88   B £71.77   C £1.91   D £11.89   E £9.87

13 In a town, 8% of the population are either vegetarian or vegan. If the town has a population of 45,000 then how many people are NOT vegetarian or vegan?

A 3,600   B 450   C 41,800   D 3,200   E 41,400

14 Joshua sets up a business selling car tyres, where he makes £2100 in sales every month. If his month expense is £300, then what is his annual profit?

A £25,200   B £21,600   C £18,000   D £28,800   E £24,000

15 Carrie completes a set of weekly chores. Cleaning the bathroom accounts for 30% of her weekly chores and takes her 1 hours and 15 minutes to complete. How long does it take in total to complete her weekly chores?

A 1 hour 15 minutes

B 4 hours 10 minutes

C 3 hours 45 minutes

D 4 hours 50 minutes

E 2 hours 45 minutes

16 Naomi has subscriptions for her phone contract, gym membership and a music streaming service. If the monthly cost is £34.99, £24.99 and £9.99 respectively, then what is the annual cost of her subscriptions?

A £840.00   B £699.70   C £959.54   D £839.64   E £815.44

17 During a bank holiday sale, the price of a pair of trousers dropped by 20% to £54. What was the original price of the trousers?

A £43.20   B £62.90   C £45.00   D £60.75   E £67.50

18 Jackie and Gillian play a number guessing game. Jackie thinks of a number and states that it equals to the difference between the largest 2-digit square number and the smallest prime number. What number was Jackie thinking of?

A 79   B 97   C 78   D 98   E 80

19 Luca and Gini are avid marble collectors. Luca's marbles are bigger and therefore weigh 10 g more than Gini's marbles, which weigh 24.5 g each. If Luca has 12 marbles and Gini has 6 marbles, then what is the total mass of both of their marbles?

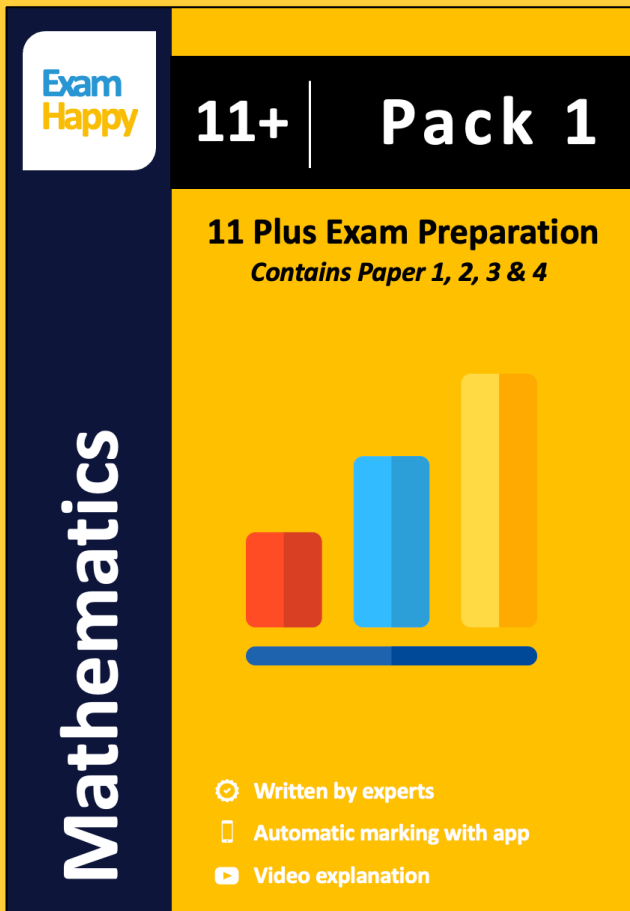A 419 g   B 724 g   C 561 g   D 708 g   E 504 g

20 Rayna receives £2.50 in pocket money every Tuesday. On Sunday 1st August her total savings amounted to £35. How much pocket money will she have by 1st September?

A £47.50   B £12.50   C £50.00   D £15.00   E £45.00

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

ExamHappy Maths Pack 1

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As close to the real exam as it gets.

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Contains Paper 1, 2, 3 & 4

Mathematics

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- 📱 **Automatic marking with app**
- ▶️ **Video explanation**

✓ **Four full-length, 50-question papers**

✓ **Entire syllabus covered**

✓ **Video solutions & pass mark intel**
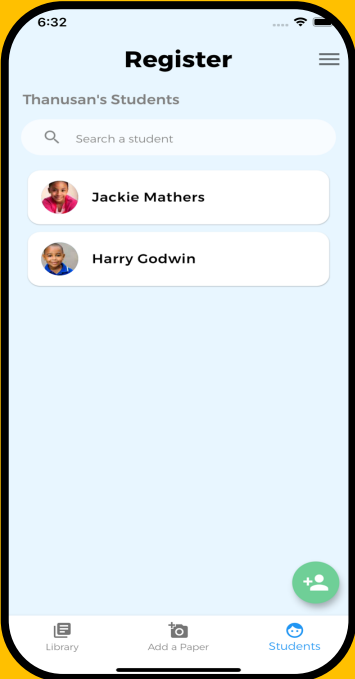
✓ **Suitable for GL, CEM, and CSSE**

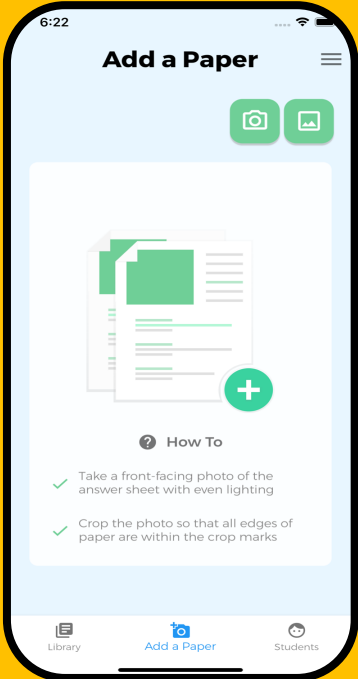**Get a 20% discount with coupon code: welcome (just £16.00)**

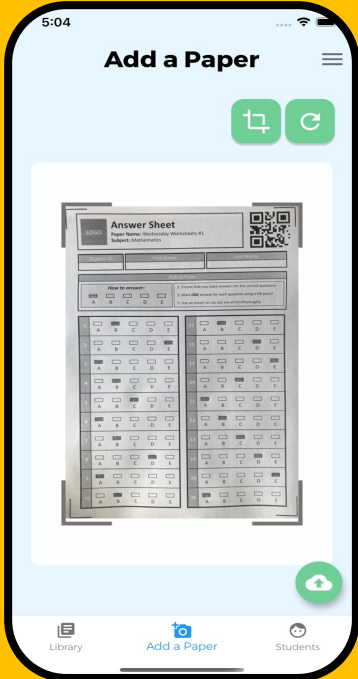*Visit: www.examhappy.co.uk/maths-offer*

Using the App

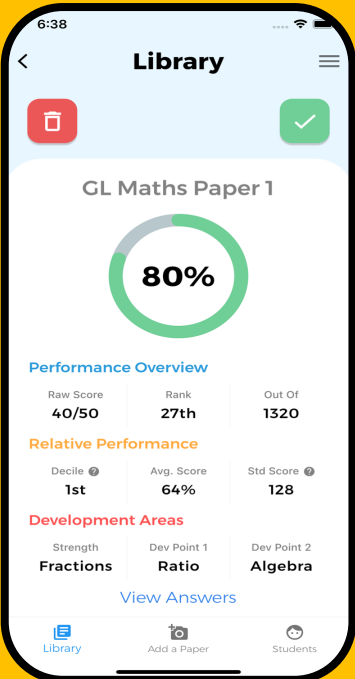## 1 Finish paper and take picture of answer sheet to instantly mark

6:32 — Register

Thanusan's Students

🔍 Search a student

Jackie Mathers

Harry Godwin

Library — Add a Paper — Students

Register

6:22 — Add a Paper

📷 🖼️

➕

❓ How To

✓ Take a front-facing photo of the answer sheet with even lighting

✓ Crop the photo so that all edges of paper are within the crop marks

Library — Add a Paper — Students

Take a picture

5:04 — Add a Paper

Answer Sheet
Paper Name: Wednesday Worksheets #1
Subject: Mathematics

Library — Add a Paper — Students

Upload

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

6:38 — Library

🗑️ ✓

GL Maths Paper 1

80%

Performance Overview

Raw Score	Rank	Out Of
40/50	27th	1320

Relative Performance

Decile ❓	Avg. Score	Std Score
1st	64%	128

Development Areas

Strength	Dev Point 1	Dev Point 2
Fractions	Ratio	Algebra

View Answers

Library — Add a Paper — Students

Instantly mark

6:44 — Answers

GL Maths Paper 1

1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
31 32 33 34 35 36
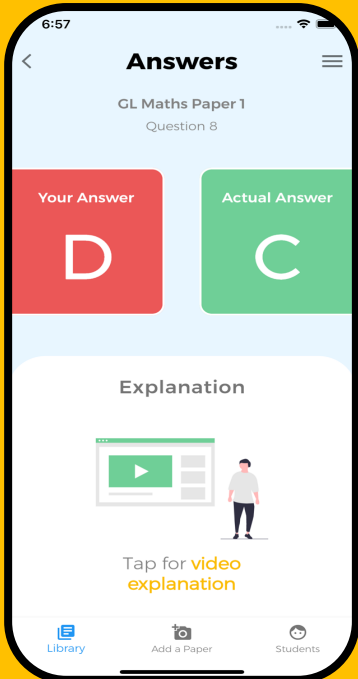37 38 39 40 41 42
43 44 45 46 47 48
49 50

Library — Add a Paper — Students

Check mistakes

6:57 — Answers

GL Maths Paper 1
Question 8

Your Answer
D

Actual Answer
C

Explanation

Tap for video explanation

Library — Add a Paper — Students

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

Exam Happy **lead in technology** in the 11+ space, making your 11+ journey **smarter, simpler and successful.**

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