



# Weekly Worksheets

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**Mathematics** 



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#### **Answer Sheet**

Paper Name: Maths Worksheet #10 Paper ID: WW-MA-10-20Q Full Name:



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







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1	A	B	C	D	Ē	11	A	B	C	D	Ē
2	A	B	C	D	Ē	12	A	B	C	D	E
3	A	B	C	D	E	13	A	B	C	D	E
4	A	B	C	D	E	14	A	B	C	D	E
5	A	B	C	D	E	15	A	B	C	D	E
6	A	B	C	D	E	16	A	B	C	D	E
7	A	B	C	D	E	17	A	B	C	D	E
8	A	B	C	D	E	18	A	B	C	D	E
9	A	B	C	D	Ē	19	A	B	C	D	E
10	A	B	C	D	E	20	A	B	C	D	E

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# 11+

# Weekly Worksheet 10

### 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
- Use the Exam Happy app to mark your answers and see where you rank amongst peers
   Search "Exam Happy" on your App Store



Mathematics



Ryan drew a circle inside a square and shaded the circle. The area of the circle is  $1.54 \text{ m}^2$ .



What is the area of an unshaded square?

**A** 1.96 m<sup>2</sup> **B** 0.40 m<sup>2</sup> **C** 1.54 m<sup>2</sup> **D** 0.42 m<sup>2</sup> **E** 1.5 m<sup>2</sup>



In an examination, 87% of students passed and 182 failed.

What is the total number of students appearing at the examination?

Page 1

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Maida is looking at a 3-D mathematical object. This is what she sees as shown below.



06	What is the largest 3 digit number that 3, 8 and 21 all divide into?								
	<b>A</b> 861	<b>B</b> 843	C 848	<b>D</b> 840	E 832				

07

Two pieces of ribbon, one 285 millimetres long and the second 75.3 centimetres long, are cut from a piece of ribbon 2.78 metres long.

#### What length of ribbon remains?

A 170.5 cm B 348.5 cm C 174.2 mm D 348.5 mm E 174.2 cm

Mark skips 50 times in a time of 48.575 seconds. Olivia skips the same amount, but it takes her a time of 55.432 seconds.

What is the difference in their times to the nearest hundredth of a second?



11

Alfred spent 91 pence on marbles which cost either 5p or 7p each. He buys at least one of each type of marble.

What is the greatest number of marbles he could have bought?

	<b>A</b> 13	<b>B</b> 12	<b>C</b> 15	<b>D</b> 19	E 17
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**A** 367 **B** 369 **C** 364 **D** 361 **E** 371

Three angles of a pentagon are 85°, 135° and 105°.
Which of the following could be the difference between the other two angles?
A 270° B 275° C 210° D 230° E 245°

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Noah walks 250 m in a day. He walks twice the distance of the previous day each time.



Day 1 = 250 m Day 2 = 500 m Day 3 = ... Day 4 = ...

How far does he walk in a week?

18

A 25.75 km B 13.75 km C 20.75 km D 31.75 km E 7.75 km

19	The three v	-4), (-4, -8) and	l (6, -4).					
	Find the fourth vertex.							
	<b>A</b> (6, -8)	<b>B</b> (-8, -6)	C (-6, -8)	<b>D</b> (-8, 6)	E (-6, 8)			
20	The age of I be twice as	Leo and his sist old as his siste	er sum to 23 ye r.	ears. In five yea	ars' time, Leo will			
	How old will Leo's sister be in 12 years' time?							
	<b>A</b> 6	<b>B</b> 12	<b>c</b> 29	D 17	E 18			

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

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