



## Weekly Worksheets

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**Mathematics** 



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#### **Answer Sheet**

Paper Name: Maths Worksheet 5 Paper ID: WW-MA-05-20Q Full Name:



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#### 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	E	11	A	B	c	D	Ē
3	A	B	c	D	E	13	A	B	C	D	E
4		B B B	C C	D D D	E	14		B B B	C C	D	E
5	A	B	C	D	Ē	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		B	C	D	E
9	A	B	C	D	E	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 5

#### 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
- Use the Exam Happy app to mark your answers and see where you rank amongst peers
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Mathematics

Laura thinks of a number and then rounds it to the nearest 100. If she ends with the number 1400, what is the highest number that she could have thought of?

A 1500 B 1450 C 1499 D 1449 E 1350

Jenusha has 250 marbles. She splits them into 7 equal groups and has a number of marbles remaining. What percentage of the marbles is remaining?

**A** 98% **B** 2% **C** 96% **D** 16% **E** 4%

A cardboard box has a capacity of 1200 cm<sup>3</sup>. The base of the box is a square with length 4 cm. What is the height of the box?

A 80 cm	<b>B</b> 150 cm	C 90 cm	<b>D</b> 75 cm	E 60 cm
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A number sequence has the following rule: "Square the last number and subtract 4". If the first number of the sequence is 1, then what is the fifth number of the sequence?

A 21 B -173 C 25 D 441 E 437

Harry, Jian and Eleanor make a human chain by stretching out their arms as far as possible and linking hands. If the arm span of the children is 1.5 m, 1.32 m and 1.45 m respectively, then how long is the human chain that they form?

**A** 4.27 m **B** 4.37 m **C** 4.32 m **D** 4.42 m **E** 3.82 m

In a snail race, Rocket finished seven twelfths of a minute quicker than average and Racer finished three tenths of a minute slower than average. How much quicker did Rocket finish the race than Racer?

A 65 s B 17 s C 53 s D 27 s E 63 s

Harriet and Anushka counted in steps of 13 and 7 respectively. What number did they both count to on the second occurrence?

<b>A</b> 182	<b>B</b> 91	<b>C</b> 130	<b>D</b> 98	E 208
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8	Mr. Edmonton builds a fence with wooden panels. Each wooden panel is 30 cm wide and is spaced with a 20 cm interval. If there are wooden panels at each end, how many panels are required to build a fence that is 4.8 m long?							
	A 9	Β 7	C 11	D 8	E 10			
9	Josie draws angle of this	a regular hexag hexagon?	gon on a piece c	of paper. What	is the interior			
	<b>A</b> 150°	B 120°	C 60°	D 108°	E 135°			
10	In one partio more potato year, how m	cularly good au bes than last ye buch did he har	tumn harvest, F ar. If he harves vest last year?	Farmer Dan har ted 2.8 tonnes	rvested 40% of potato this			
	A 3920 kg	<b>B</b> 1120 kg	C 2000 kg	D 800 kg	E 2100 kg			

6

11	A pack of plasters cost 79 pence. How many packs can you buy with a £10 and £5 note?							
	<b>A</b> 19	B 12	C 17	D 20	E 18			
12	Due to traffic, a car journey on the weekend takes 20% longer than on the weekday. The journey is 30 km long and takes 40 minutes on weekdays. What is the average speed of the car on the weekend?							
	A 45.0 km/h							
	B 35.0 km	/h						
		C 37.5 km/h						
	C 37.5 km	/h						
	C 37.5 km D 32.5 km	/h ı/h						

To pass her swimming exam, Ugo needs to swim 20 lengths and 20 13 No pass her swimming exam, Ugo needs to swim 20 lengths and 20 widths of the rectangular swimming pool. If the perimeter of the pool is 150 m, then how far did Ugo have to swim to pass her exam?

> A 3.0 km **B** 2.1 km **C** 6.0 km **D** 1.5 km E 1.2 km

A fair die is rolled 180 times. How many times would you expect a 14A fail of is rolled is rolled?number less than 3 to be rolled?A 40B 50C 60

**D** 90 E 120 David's birthday is on 25th November and lands on Tuesday this year. What day will Christmas land on this year?

- A Monday
- **B** Tuesday
- C Wednesday
- **D** Thursday
- E Friday

### 16

It would take Bob and four other builders 2 days to paint a 3-bedroom house. If two of the builders are absent due to illness, then how long would it take to paint the house?

- A 1 day and 5 hours
- **B** 3 days and 8 hours
- C 3 days and 12 hours
- **D** 1 day and 8 hours
- E 4 days



18

During a sale, everything in a shop was reduced by the greater of 25% off or £2 off. If a rucksack usually costs £9.20, how much would it cost during the sale?

A £6.90 B £7.55 C £7.20 D £7.15 E £11.20



Kevin buys 3 roses and 3 daffodils at the local florist which costs £10.20. Diana visits the same florist to buy 2 roses and 1 daffodil, costing her £6.20. What is the cost of 1 rose and 3 daffodils?

A £2.80 B £0.60 C £4.60 D £3.40 E £4.00

## 20

A ball rolling down a hill increases in speed by 10% every 5 seconds. If the ball is travelling at 12 m/s, how fast will it be travelling in 10 seconds' time?

- A 14.40 m/s
- **B** 13.20 m/s
- C 14.74 m/s
- **D** 13.40 m/s
- E 14.52 m/s

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

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