



Answer Sheet

Paper Name: Maths-Fractions Decimals and Percentages
Paper ID: CUSTOM-MA-1DB136666E
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

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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					
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	A	B	C	D	E
19					
	A	B	C	D	E
20					
	A	B	C	D	E

- 1.** The price of a new bike is £2,500.
In a sale, it is reduced by 35%.

Calculate the new price of the bike.

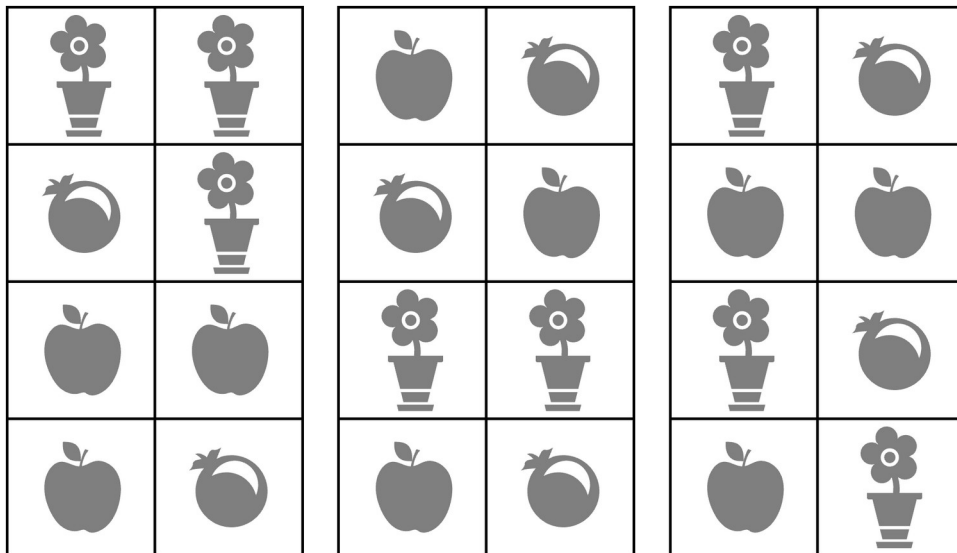
A £1,860 **B** £1,625 **C** £1,245 **D** £875 **E** £1,925

- 2.** $\frac{1}{5}$ of Waterway Bridge which is 270 m long needs urgent repairs.

What length of Bridge requires repairs?

A 50 m **B** 54 m **C** 73 m **D** 27 m **E** 67.5 m

- 3.** Gary wants to copy Tolu's garden which consists of three allotments:



What fraction of Tolu's total garden is made up of flowers?

A $\frac{1}{4}$ **B** $\frac{1}{5}$ **C** $\frac{1}{3}$ **D** $\frac{1}{6}$ **E** $\frac{1}{8}$

4. What is 80% of 0.68 litres?

- A** 544 ml **B** 602 ml **C** 582 ml **D** 536 ml **E** 508 ml

5. Here is a list of numbers:

36 41 59 96 25 81 12 4 79 11

What is the difference between the highest two-digit number and the highest square number?

- A** 18 **B** 11 **C** 12 **D** 7 **E** 15

6. Larry wants to buy a car that costs £6,000.
He saves 25% of his wage each month from his part-time job.
Each month he earns £600.

How many months will it take him to save enough money?

- A** 40 **B** 10 **C** 20 **D** 60 **E** 80

7. What is the value of $0.0072 + 3.04 + 0.1756$?

- A** 3.1868 **B** 3.5828 **C** 3.2228 **D** 3.2756 **E** 3.2876

8. Work out the following:

$$1.20 \times 1.20$$

- A** 1.64 **B** 1.66 **C** 1.45 **D** 1.88 **E** 1.44

9. Work out the value of $1\frac{2}{5} + 3\frac{3}{10}$ in decimals.

- A** 4.7 **B** 3.7 **C** 4.3 **D** 3.4 **E** 4.1

10. Find the sum of $1\frac{7}{8}$ and $2\frac{5}{8}$ in decimals.

- A** 3.50 **B** 4.50 **C** 3.75 **D** 4.25 **E** 3.25

11. What is $\frac{2}{3} + \frac{3}{5}$?

- A** $1\frac{4}{15}$ **B** $\frac{6}{25}$ **C** $\frac{5}{15}$ **D** $\frac{5}{8}$ **E** $2\frac{2}{15}$

12. What is the sum of the fractions $\frac{3}{11}$ and $\frac{5}{9}$?

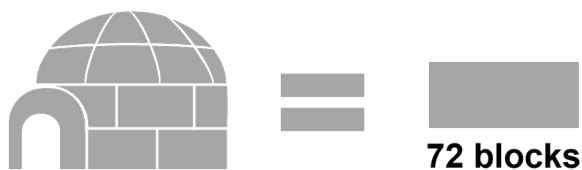
- A** $\frac{78}{99}$ **B** $\frac{8}{99}$ **C** $\frac{8}{20}$ **D** $\frac{82}{99}$ **E** $\frac{89}{99}$

13. Which of these two is bigger, and by how much?

A = 35% of 60 and B = $\frac{3}{8}$ of 72

- A** A is 21 more than B
B B is 16 more than A
C B is 6 more than A
D A is 6 more than B
E A and B are equal.

- 14.** Igloos are made from snow and ice and are used by the Inuit people as shelter. The igloo below is made from 72 blocks of ice.



If an Igloo is $\frac{3}{8}$ completed, how many more blocks of ice must be placed to complete it?

- A** 45 **B** 27 **C** 36 **D** 72 **E** 55

- 15.** Georgina has a rope of length 18 m.
She cuts off three-tenths of the rope and gives it to her brother.

How long is the piece that she keeps for herself?

- A** 15.2 m **B** 11.2 m **C** 12.6 m **D** 10.8 m **E** 14.6 m

- 16.** Here are three decimal numbers.

2.33 1.002 0.280

What is the sum of all three numbers?

- A** 3.652 **B** 3.562 **C** 3.620 **D** 3.016 **E** 3.612

- 17.** A bottle contains 450 ml of cough syrup.
Maureen must take 5 ml of cough syrup thrice a day for 3 weeks.

What fraction of syrup is left after Maureen finishes taking the syrup for 3 weeks?

- A** $\frac{4}{9}$ **B** $\frac{3}{10}$ **C** $\frac{5}{9}$ **D** $\frac{3}{11}$ **E** $\frac{1}{10}$

- 18.** It's Lucy's 11th birthday today and she's brought a cake into school to share with her class.
She cuts the cake into 12 slices, but only 10 people want a slice.

What fraction of the cake is left over?

- A** $\frac{1}{3}$ **B** $\frac{1}{4}$ **C** $\frac{1}{12}$ **D** $\frac{1}{6}$ **E** $\frac{1}{5}$

- 19.** A = 80% of 400 m
B = 80% of 160 m

What is the value of A – B?

- A** 192 m **B** 202 m **C** 661 m **D** 752 m **E** 642 m

- 20.** If two-thirds of a number is 20, then what is three-fifths of the same number?

- A** 18 **B** 30 **C** 27 **D** 24 **E** 33