

Arithmetic and Number Progress

Test 1 of 7 (2017–2018)

Year 5 set

29 questions | 30 minutes

Calculator not allowed

| | |
|------------|--|
| First name | |
| Last name | |
| Class | |
| Date | |

For marker's use only

| | |
|-------------|--|
| Total marks | |
|-------------|--|

Instructions

- You may not use a calculator to answer any questions in this test.
- You have 30 minutes to complete the test.
- Follow the instructions for each question carefully.
- Work through the questions quickly but as carefully as you can.
- Make sure you use the grid to make notes and show your working out. You may get a mark for showing your working out even if your answer is incorrect.
- After you have worked your answer out, remember to write it in the answer box.
- If you cannot do one of the questions go on to the next one. You can come back to it later if you have time.
- If you finish before the end, go back and check your work. You could check your answer using an inverse operation or a different method.

Practice question

$$320 + 9 =$$

This is your answer box.

Question

1

$$325 + 178 =$$

1 mark

Question

2

$$6 \times 8 =$$

1 mark

Question

3

Write the number 754 in words.

1 mark

Question

4

$$\frac{1}{5} + \frac{3}{5} =$$

1 mark

Question

5

$$80 + \square = 150$$

A large grid for working out the answer to Question 5. The grid is 20 squares wide and 10 squares high. A rectangular box is drawn on the right side of the grid, spanning 10 squares in width and 2 squares in height, intended for the student to write their final answer.

1 mark

Question

6

$$613 + 110 =$$

A large grid for working out the answer to Question 6. The grid is 20 squares wide and 10 squares high. A rectangular box is drawn on the right side of the grid, spanning 10 squares in width and 2 squares in height, intended for the student to write their final answer.

1 mark

Question

7

Order these numbers from smallest to largest:
999 909 109 190 990

A large grid for working out the answer to Question 7. The grid is 20 squares wide and 10 squares high. A long rectangular box is drawn at the bottom of the grid, spanning the entire width (20 squares) and 2 squares in height, intended for the student to write their final answer.

1 mark

Question

8

Write $\frac{1}{4}$ as a decimal.

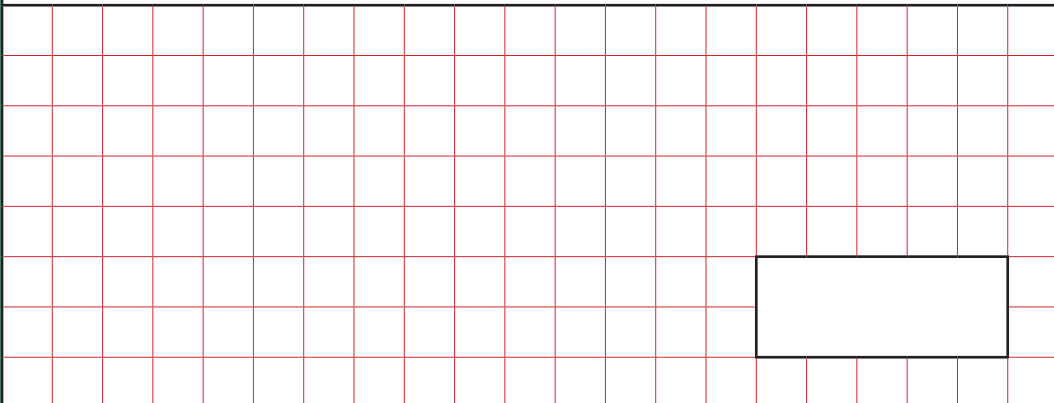


1 mark

Question

9

Round 76.5 to the nearest whole number.

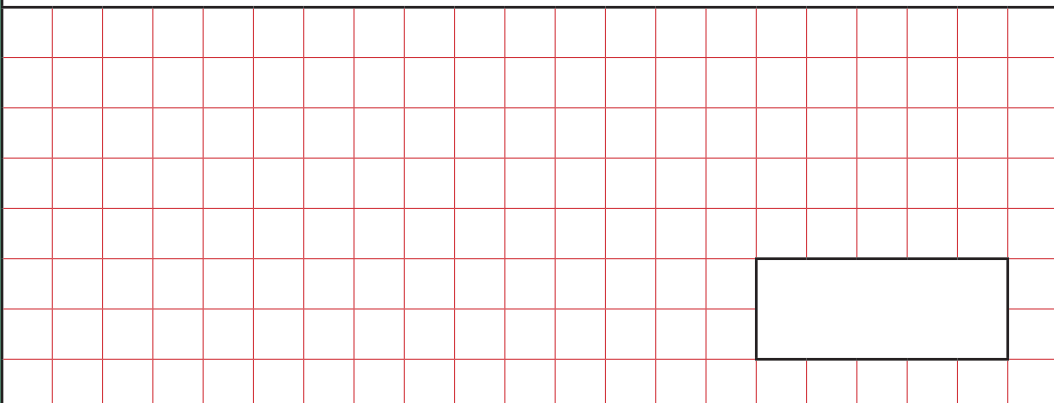


1 mark

Question

10

Write 0.1 as a fraction.

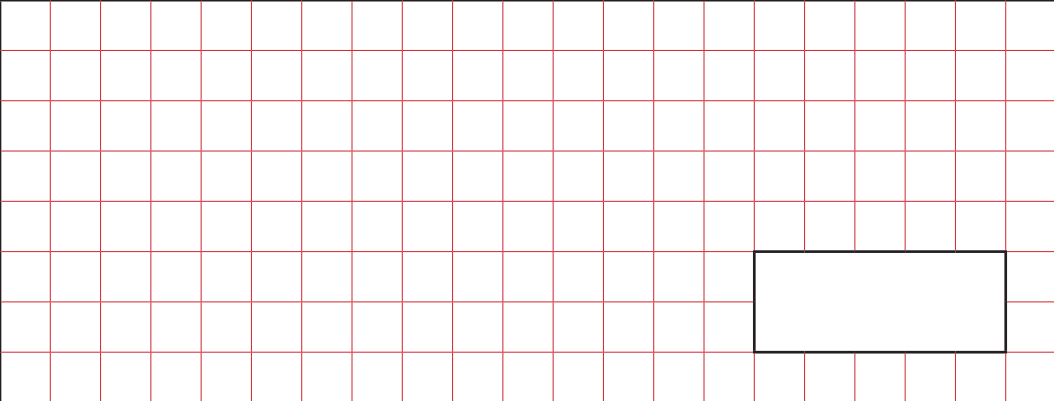


1 mark

Question

11

$$9 \times 12 =$$

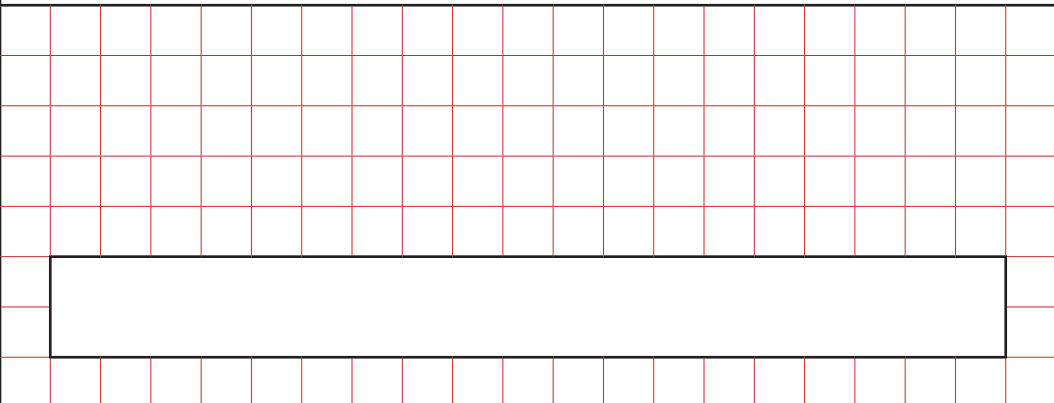


1 mark

Question

12

Order these numbers from smallest to largest:
2.34 2.43 2.65 3.01 2.35

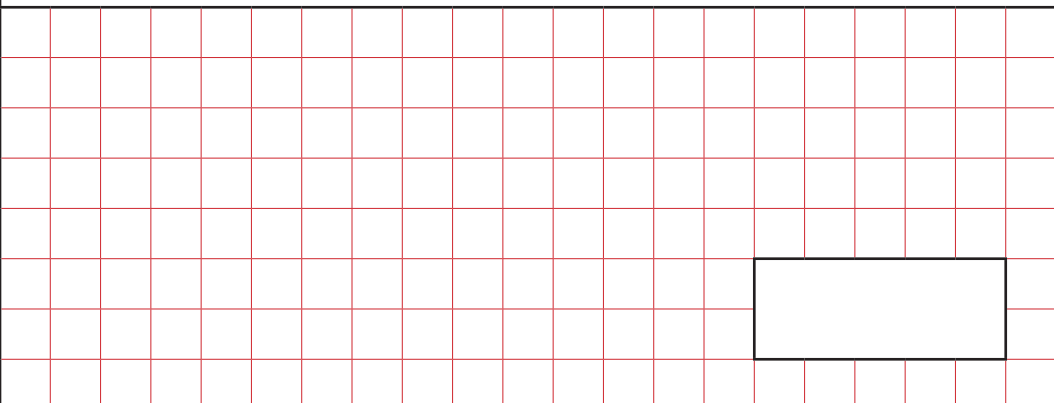


1 mark

Question

13

$$\frac{2}{3} \text{ of } 18 =$$



1 mark

Question

14

$$2439 - 1000 =$$

1 mark

Question

15

$$76 \div 3 =$$

1 mark

Question

16

$$2.25 \times 100 =$$

1 mark

Question

17

50% of 320 =



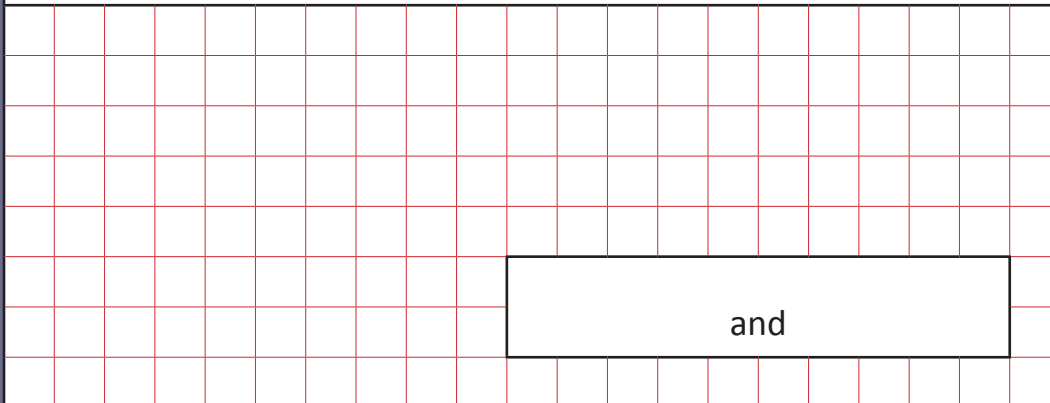
1 mark

Question

18

Which **two** numbers are **prime**?

5 16 19 9 15



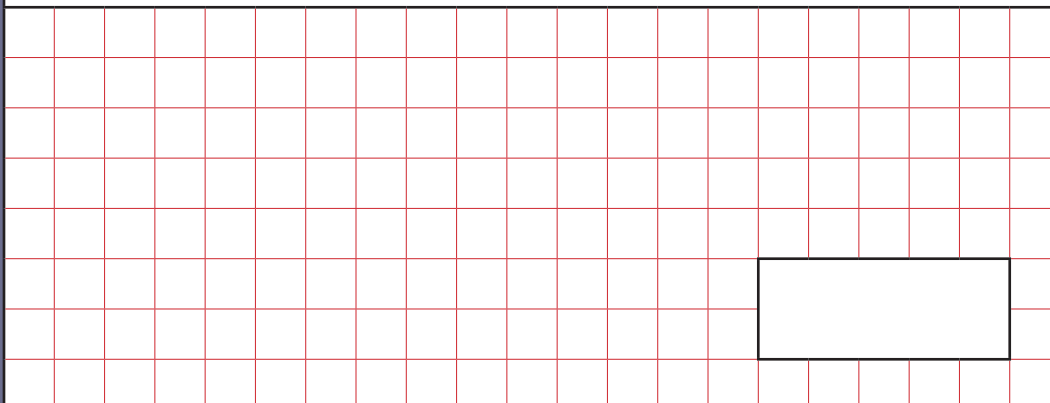
and

1 mark

Question

19

$37 \times 65 =$



1 mark

Question

20

$$\frac{3}{8} + \frac{3}{4} =$$

A large grid for writing the answer to Question 20. The grid is composed of small squares. A rectangular box is drawn on the right side of the grid, intended for the student to write their answer.

1 mark

Question

21

$$\text{XVIII} =$$

A large grid for writing the answer to Question 21. The grid is composed of small squares. A rectangular box is drawn on the right side of the grid, intended for the student to write their answer.

1 mark

Question

22

$$8^2 =$$

A large grid for writing the answer to Question 22. The grid is composed of small squares. A rectangular box is drawn on the right side of the grid, intended for the student to write their answer.

1 mark

Question

23

$25\% \text{ of } 240 =$

1 mark

Question

24

$70,000 - 100 =$

1 mark

Question

25

$$\begin{array}{r} 4236 \\ \times 26 \\ \hline \end{array}$$

2 marks

Question

26

$$5^3 =$$

1 mark

Question

27

$$4.87 + 12.6 =$$

1 mark

Question

28

$$0.45 \times 100 =$$

1 mark

Question

29

$$1470 \div 6 =$$



1 mark

[End of test]



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