



## Mathematics

Year 6

**MARCH EXAMINATION 2021**

**1 hr. 30 min**

Additional Materials:

- Soft clean eraser
- Soft pencil (type B or HB recommended)

*Read these instructions first*

This paper contains 19 questions. Answer all questions in the spaces provided.

Do **not** use staples, paper clips, and glue or correction fluid.

Any rough working should be done in the rough work booklet provided.

NAME: .....

DATE: .....

SCORE:

TOTAL MARKS:

[Turn over]

1. Assign places for each of the digits in the number below. (Hint: Draw a place value table to help you) (4)

5,973,454.567

2. What is the value of digit one in each of the following? (4)

a) 712 \_\_\_\_\_

b) 127,623 \_\_\_\_\_

c) 50,173 \_\_\_\_\_

d) 12,172 \_\_\_\_\_

3. Write the following numbers in words (8points)

a) 24,345

\_\_\_\_\_

b) 7,263

\_\_\_\_\_

c) 253,726

\_\_\_\_\_

d) 3254.743

\_\_\_\_\_

4. Write the following numbers in figures (8)

a) Forty three thousand, seven hundred thirty five

.....

b) One hundred forty two thousand, four hundred fifteen

.....

c) Twelve thousand, three hundred forty five

.....

d) Nineteen thousand, seven hundred fifteen point nine three.

.....

5. Round off the following numbers to the nearest places indicated in brackets. (6points)

a) 99,999 (hundreds)

b) 83427 (tens of thousands)

c) 32.967 (tenths)

6. Circle all even numbers in the list of numbers below (2points)

234 5,632 871 913 123,453 324,512 234.74

7. Circle all odd numbers in the list of numbers below (2 points)

34,566 23,415 113 7,239 5,437 120,008

8. Circle all prime numbers in the list below (3 points)

11 13 15 17 19 21 23 25 27 29

9. Emmanuel is thinking of a number. The number is less than 30 but more than 25. The number is a prime number. What number is Emmanuel thinking about? (2 points)
10. Find the perimeter of a regular decagon whose one side is 15cm long. (2)
11. \_\_\_\_\_ x 56 = 560 x 100 (1 point)
12. \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ = 30. Find three possible prime numbers that could give you the answer given. (3 points)
13. 25000 / \_\_\_\_\_ = 25 (1 point)
14. Find  $31 \times 9 = ?$  Using the multiplication strategy. (2 points)
15. Work out the following (6)

a)

Hours	Mins
12	15
+ 3	52

b)

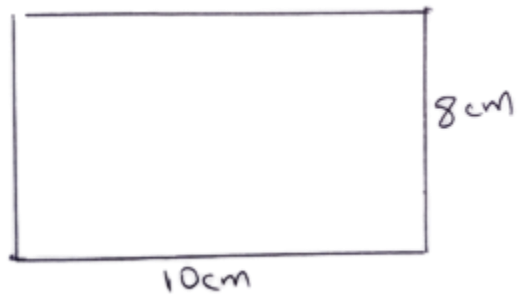
Hours	mins
10	45
- 3	57

16. Use a ruler to measure the length of the following line. Give your answer in centimeters. (3)



17. Find the perimeter and area of the following shapes.

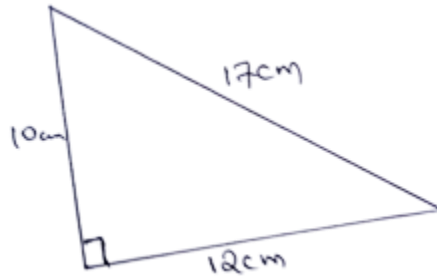
a) (4 marks)



Perimeter =

Area=

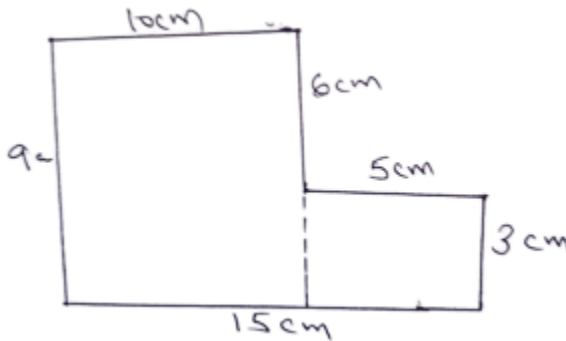
b) (4 marks)



Perimeter=

Area=

c) (6 marks)



Perimeter =

Area=

**18.** Work out the following and find the missing number

a)  $0.896 + 123.4 =$  (3)

b)  $3.437 - 1.648 =$  (3)

c)  $0.4 \times 5 \times 0.02 =$  (2)

**19.** Draw a net that could be used to make a rectangular prism. (2)