SCHOOL: _____ NAME: _____

DATE: _____ CLASS: _____

①

MATHEMATICS EXAMINATION

1 The posts in a fence are 2m apart. What is the distance from the 1st to 15th post? _____ metres

2 20 flag poles are arranged to form a circle. What is the distance all around the circle if the poles are 5m apart?
_____ metres

Tim bought a calculator for $40 and sold it for $48.

3 What was his profit? $ _____

4 What was his percentage profit? _____ %

Pat and Ann shared 120 ackees in the ratio of 5:1.

5 Pat got _____ ⑥ Ann got _____

7 My reading book has pictures on pages 21 to 58 inclusive. If the book has 100 pages, how many pages do not have pictures?
_____ pages

8 In a cricket match 140 runs were made altogether. Team C scored 20 more runs than Team D.

9 Team C scored _____ runs ⑧ Team D scored _____ runs

10 The average of 4 numbers is 25. Three of them are 18, 40 and 23. What is the fourth number? _____

11 One boy can mop a room in 35 minutes. How long will it take 5 boys, working together, to mop the same room?
_____ minutes

/11

12 What is the quotient of 90 and 5? _____

13

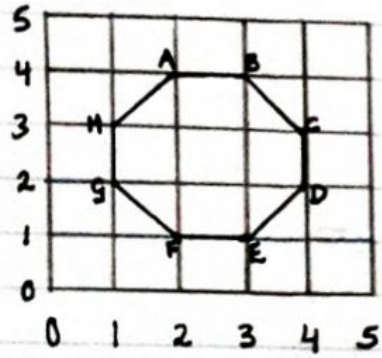
hr	mins
1	46
+ 4	46

(14)

mins	secs
7	22
- 3	50

(15) $16\overline{)1984}$

In this diagram each small square = $1\,cm^2$



(16) Point E has co-ordinates of (_____)

(17) Point H has co-ordinates of (_____)

(18) Which point is at (2,4)? _____

(19) Point _____ is at (4,3).

(20) The name of ABCDEFGH is: _____
(hexagon, octagon, rhombus, trapezium)
Select and write the answer from the brackets above.

(21) The area of the figure is _____ cm^2

22 $1.6 \times 0.4 =$ _____

23 $2.49 \div 0.3 =$ _____

24 $6.3 + 21 + 4.22 =$ _____

25 $7 - 2.95 =$ _____

In the number 8 905 · 217, give:

26 the value of the 9 _____

27 the value of the 7 _____

28 the value of the 1 _____

29 the place value of the 0 _____

30 the place value of the 2 _____

31 the face value of 8 _____

32 the face value of 5 _____

From this set (0, 1, 3, 4, 5, 8) select:

33 a factor of 3 _____

34 a multiple of 3 _____

35 the biggest prime no. _____

36 the smallest odd no. _____

37 the smallest even no. _____

38 $15 \div 3 + 12 \div 6 =$ _____

39 $7 \times (3+2) - 5 =$ _____

40 $5E + 3 = 53$, $\therefore E =$ _____

41 $\frac{D}{3} = 21$, $\therefore D =$ _____

42 Express 45 as a product of its prime factors.

_____

/31

$K = \{2, 4, 6, 8\}$ $L = \{2, 3, 4, 5\}$

43 $K \cup L = \{\quad\}$

44 $K \cap L = \{\quad\}$

45 Select the symbol which means "is a subset of". $\cup \supset \cap \subset$

Arrange in descending order (from big to small).

46 0·313, 3·13, 0·3, 3·03 _____

47 5·2, 0·52, 5·22, 5·02 _____

48 $\frac{7}{2}$, $\frac{7}{1}$, $\frac{7}{4}$, $\frac{7}{12}$ _____

49 $10 \div 3\frac{1}{2}$ = _____

50 $\frac{3}{5} \times 5$ = _____

(51) $\frac{3}{4} + 1\frac{1}{5}$ = _____

(52) $6 - 2\frac{1}{2}$ = _____

53 Round off 158 to the nearest 10. _____

54 Round off 158 to the nearest 100. _____

Insert $<$, $=$ or $>$

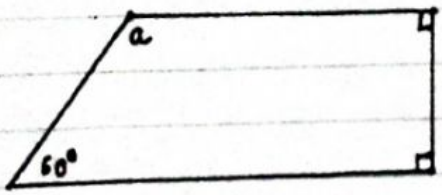
55 $8 + 0$ ____ 8×0

(56) $\frac{1}{2} \times \frac{1}{2}$ ____ $1 - \frac{3}{4}$

(57) $1 \div 5$ ____ $5 \div 1$

58 Mark ran a race in 13 seconds. Jill was 5 seconds slower. How long did Jill take? _____ seconds

59 $\frac{1}{5}$ of a number is 15. What is the number? _____



(60) Angle a = _____ degrees