

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 acres 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

②

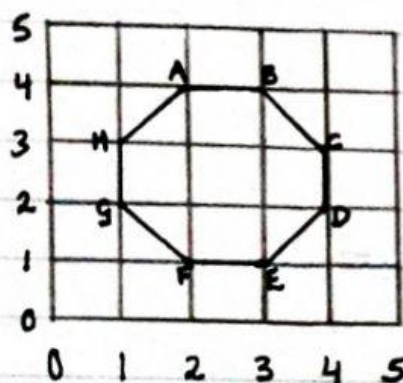
12 What is the quotient of 90 and 5? _____

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 $7 - 2.95 =$ _____

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. _____

In the number 8905.217, 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 _____

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.

③

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

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

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

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 $\frac{1}{2}, \frac{1}{1}, \frac{1}{1}, \frac{1}{2}$ _____

49 $10 \div 3\frac{1}{2} =$ _____ (51) $\frac{3}{4} + 1\frac{1}{5} =$ _____

50 $\frac{3}{5} \times 5 =$ _____ (52) $6 - 2\frac{1}{2} =$ _____

53 Round off 158 to the nearest 10. _____

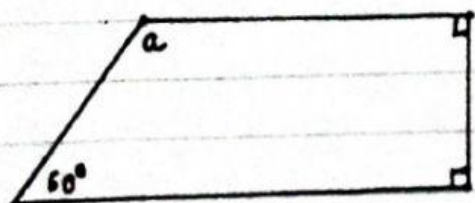
54 Round off 158 to the nearest 100. _____

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 $\frac{1}{3}$ of a number is 15. What is the number? _____



(60) Angle $a =$ _____ degrees