# 2024 PRIMARY 3 END-OF-YEAR EXAMINATION

Name: _____ (  ) Date: 22 October 2024

Class: Primary 3 (  ) Time: 8.00 a.m. – 9.20 a.m.

Parent's Signature: _____ Marks: _____ / 50

# MATHEMATICS

**INSTRUCTIONS TO CANDIDATES**

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for the paper is 1 hour 20 min.

| | |
|---|---|
| Section A | 15 |
| Section B | 15 |
| Section C | 20 |

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## Section A

Questions 1 to 5 carry 1 mark each. Questions 6 to 10 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4), and shade your answer on the Optical Answer Sheet.

[15 marks]

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1. Which of the following is eight thousand and fifteen in numerals?

   (1) 815

   (2) 8015

   (3) 80 015

   (4) 800 015

2. Complete the number pattern.

   9999, 9989, 9979, 9969, _____, 9949

   (1) 9939

   (2) 9950

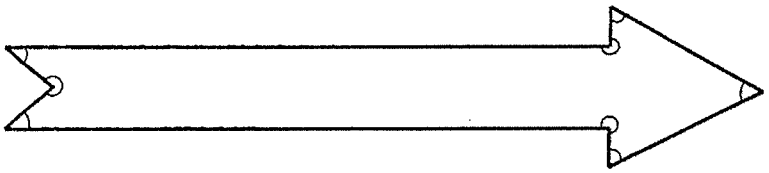
   (3) 9959

   (4) 9960



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3. How many of the marked angles are acute angles?



(1) 5

(2) 6

(3) 7

(4) 8

4. Which of the following fractions is **not** an equivalent fraction of $\frac{2}{3}$?

(1) $\frac{4}{6}$

(2) $\frac{6}{9}$

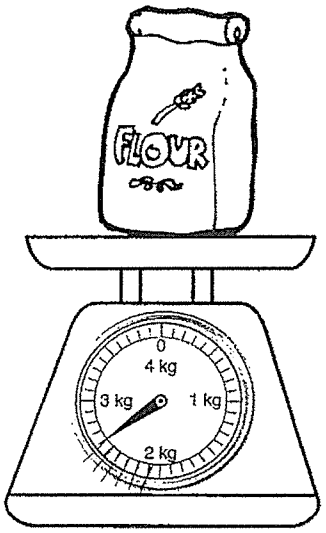
(3) $\frac{8}{15}$

(4) $\frac{12}{18}$



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5. What is the mass of the packet of flour?




(1) 2 kg 50 g

(2) 2 kg 60 g

(3) 2 kg 500 g

(4) 2 kg 600 g

6. What digit does ☺ stand for?

$$\begin{array}{r} 4\ 3\ \text{☺}\ 1 \\ -\ 1\ 2\ 3\ 4 \\ \hline 3\ 0\ 9\ 7 \end{array}$$

(1) 6

(2) 2

(3) 3

(4) 9



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7. 8753 is 80 tens more than _____.

(1) 7953

(2) 8673

(3) 8833

(4) 9553

8. Isaac wants to buy an apple for 80¢, a bunch of bananas for $1.25 and an orange for 75¢. He only has $2.50. How much more money does he need?

(1) $2.80

(2) $2.00

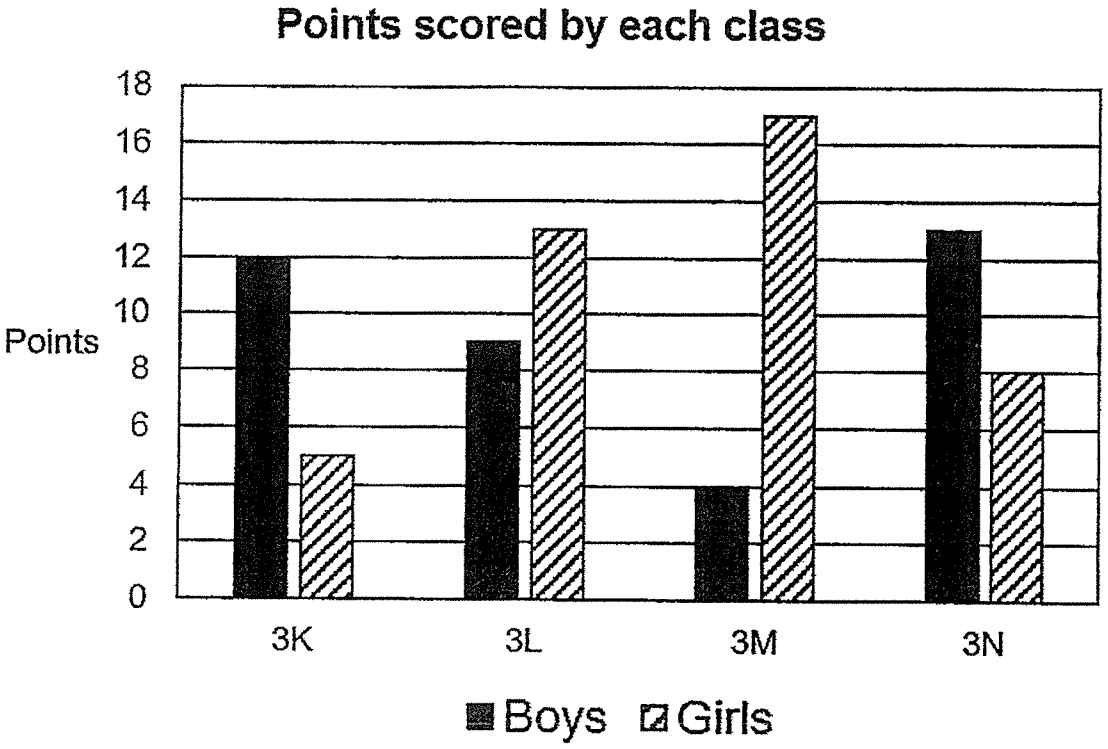
(3) $0.50

(4) $0.30



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9. The bar graph shows the number of points scored by four classes in a Math competition.




Which class scored the highest points in total?

(1) 3K

(2) 3L

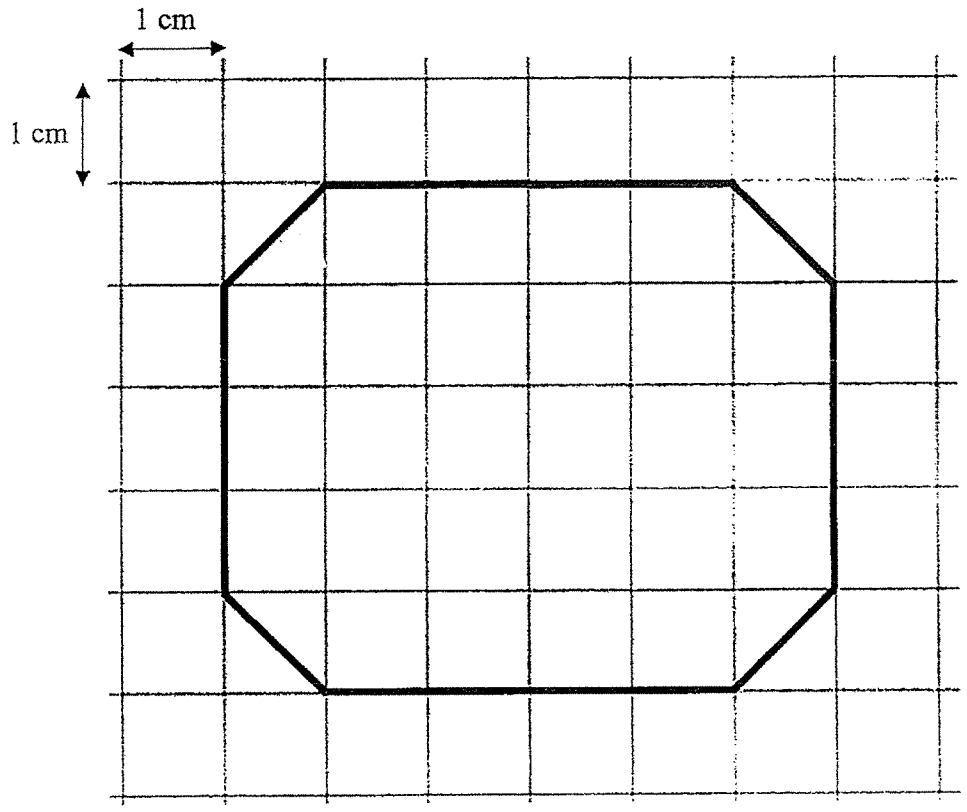
(3) 3M

(4) 3N



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10. What is the area of the figure?




(1) 30 $cm^2$

(2) 28 $cm^2$

(3) 26 $cm^2$

(4) 18 $cm^2$



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## Section B

Questions 11 to 15 carry 1 mark each. Questions 16 to 20 carry 2 marks each.
Show your workings clearly and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. [15 marks]

11. Write 8619 in words.

12. A shirt has 7 buttons. How many buttons are there on 357 similar shirts?

Ans: _____

13. Find the value of ☎

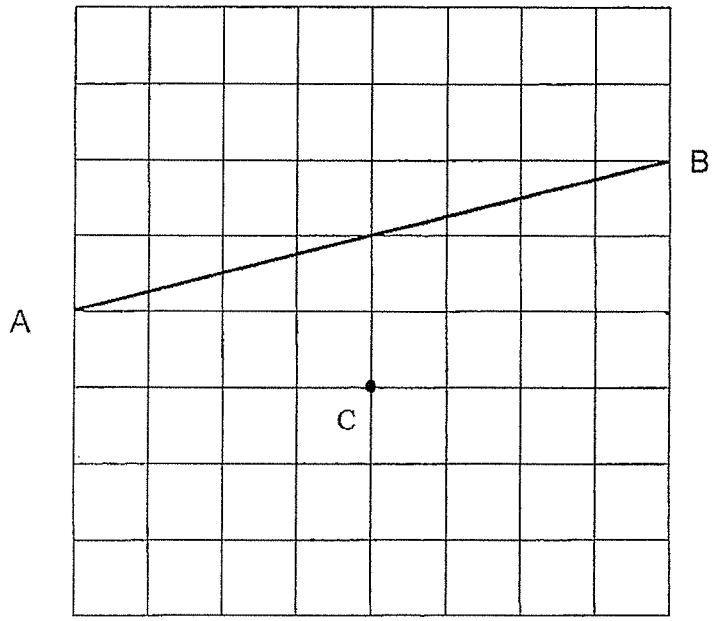
☎ x 6 = 822

Ans: _____



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14. Draw a line parallel to line AB that passes through point C.
Use a pencil to draw your line.




15. $\frac{7}{10} - \frac{2}{5} =$ _____

Ans: _____



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16. Use all the digits 8, 2, 0, 1 to form the smallest 4-digit odd number.

Ans: _____

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17. The numbers in each row and column add up to 370.
Fill in the missing numbers in the boxes.

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18. Ahmad has $21.30.
Peter has $3.20 less than Ahmad.
How much do the two boys have altogether?

Ans: $ _____

19. Arrange these fractions from the smallest to the greatest.

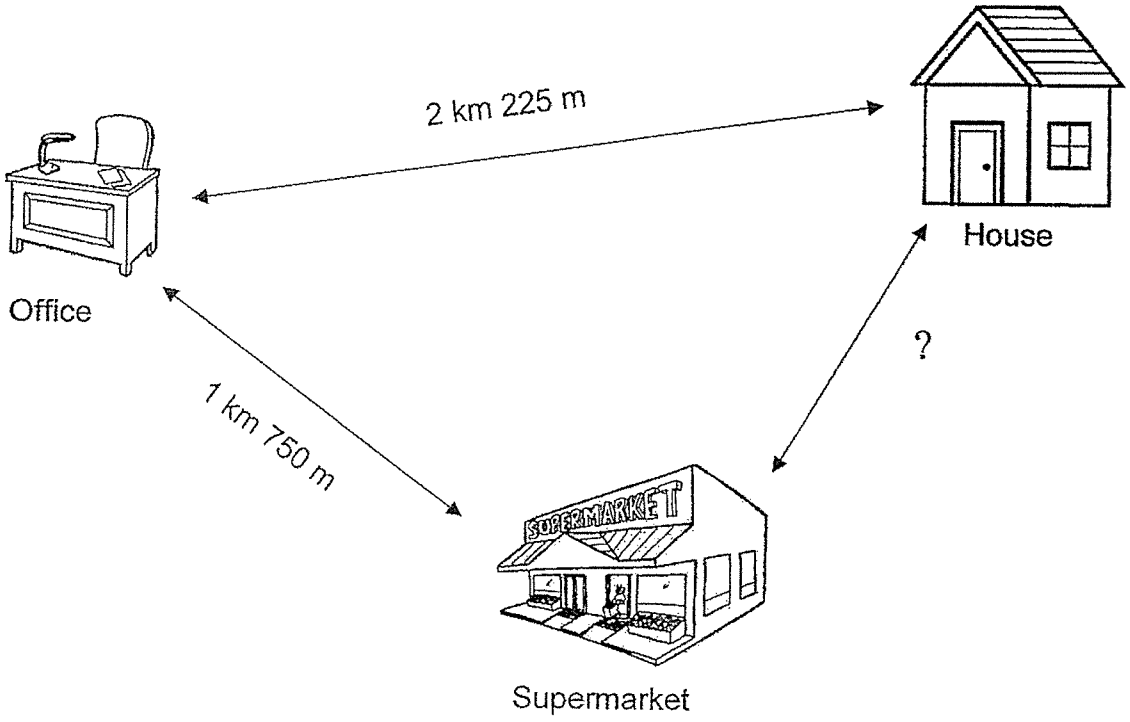
$$\frac{3}{4}, \frac{4}{9}, \frac{4}{11}, \frac{5}{8}$$

Ans: _____ , _____ , _____ , _____
(smallest) (greatest)



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20. Mdm Lim drove from her house to her office.
After that, she drove to the supermarket to buy groceries before driving home.
Mdm Lim drove a total distance of 5 km 375 m.
What was the distance between the supermarket and her house?




Ans: _____ km _____ m



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## Section C

Questions 21 to 25 carry 4 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. [20 marks]

21. Mrs Lee had 500 sweets.

She gave some of the sweets to her students.

After giving each student 6 sweets, she had 56 sweets left.

(a) How many sweets did she give to her students in total?

Mrs Lee gave _____

Ans: (a) _____

(b) How many students were there?

There were _____

Ans: (b) _____



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22. The Tan family shared a pizza.

Mr Tan ate $\frac{5}{12}$ of the pizza.

Mrs Tan ate $\frac{1}{3}$ of the pizza.

The rest of the pizza was eaten by their son.

(a) What fraction of the pizza was eaten by Mr and Mrs Tan altogether?
Give your answer in the simplest form.

Mr and Mrs Tan ate _____

Ans: (a) _____

(b) What fraction of the pizza was eaten by their son?
Give your answer in the simplest form.

Their son ate _____

Ans: (b) _____



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23. Adam, Ben and Clare had 2659 stickers altogether.
Ben had 162 more stickers than Adam.
Clare had 137 fewer stickers than Adam.
How many stickers did Adam have?

Adam had _____

Ans: _____



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24. Samantha watched two movies continuously at the cinema.
The first movie lasted for 2 h 15 min.
The second movie lasted for 1 h 50 min.

(a) How long did Samantha spend watching the two movies?
Give your answer in h and min.

She spent _____

Ans: (a) _____

(b) She started watching the first movie at 14 25.
What time did she finish watching the second movie?

She finished watching the second movie at _____

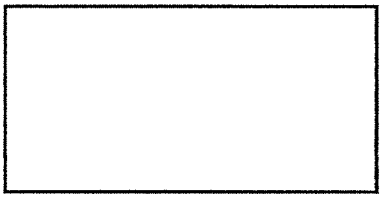
Ans: (b) _____



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25. The length of a rectangle is twice its breadth.
The perimeter of the rectangle is 54 m.

(a) What is the length of the rectangle?



The length of the rectangle is _____

Ans: (a) _____

(b) What is the area of the rectangle?

The area of the rectangle is _____

Ans: (b) _____

**End of Paper**



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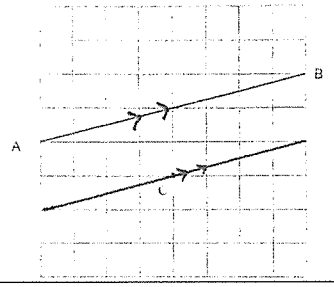
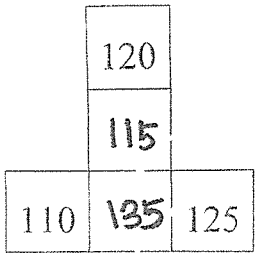
# ANSWER KEY

YEAR : 2024
LEVEL : PRIMARY 3
SCHOOL : TAO NAN
SUBJECT : MATHEMATICS
TERM : EOY

## SECTION A

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Q1 | 2 | Q2 | 3 | Q3 | 1 | Q4 | 3 | Q5 | 4 |
| Q6 | 3 | Q7 | 1 | Q8 | 4 | Q9 | 2 | Q10 | 2 |

## SECTION B

| | | | |
|---|---|---|---|
| Q11 | Eight thousand , six hundred and nineteen. | Q12 | 2499 |
| Q13 | 137 | Q14 |   |
| Q15 | $\frac{2}{5} = \frac{4}{10}$<br>$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$ | Q16 | 2081 |
| Q17 |  <br>370 – 110 = 260 – 125 = 135<br>370 – 120 = 250 – 135 = 115 | Q18 | Peter = \$21.30 - \$3.20 = \$18.10<br>\$21.30 + \$18.10 = \$39.40 |
| Q19 | $\frac{4}{11}, \frac{4}{9}, \frac{5}{8}, \frac{3}{4}$ | Q20 | 5375 – 2225 = 3150<br>3150 – 1750 = 1400<br>ANS : 1km 400m |

## SECTION C

| | | | |
|---|---|---|---|
| Q21 | a) 500 -56 = 444<br>Mrs Lee gave 444 sweets.<br>b) 444 ÷ 6 = 74 | Q22 | a) $\frac{1}{3} = \frac{4}{12}$<br>$\frac{5}{12} + \frac{4}{12} = \frac{9}{12}$ |



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| | | | |
|---|---|---|---|
| | There were 74 students | | ɔɔ๔) $\frac{9}{12} = \frac{3}{4}$<br>Mr and Mrs Tan ate $\frac{3}{4}$ of the pizza<br>b) $\frac{12}{12} - \frac{9}{12} = \frac{3}{12} = \frac{1}{4}$<br>Their son ate $\frac{1}{4}$ of the pizza |
| Q23 | 2659 – 162 = 2497<br>137 + 137 = 274<br>2497 – 274 = 2223<br>2223 ÷ 3 = 741<br>741 + 137 = 878<br>Adam had 878 stickers | Q24 | a) 2h 15min = 135 min<br>1h 50min = 110 min<br>135min + 110 min = 245min<br>245 min = 4h 5min<br>b) 1830 |
| Q25 | a) 54 ÷ 6 = 9<br>9 x 2 = 18m<br>b) 18 x 9 = 162$m^2$ | | |

2

END

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