

RED SWASTIKA SCHOOL
2018 CLASS TEST 3
MATHEMATICS

Name : _____ () Marks : _____ / 30

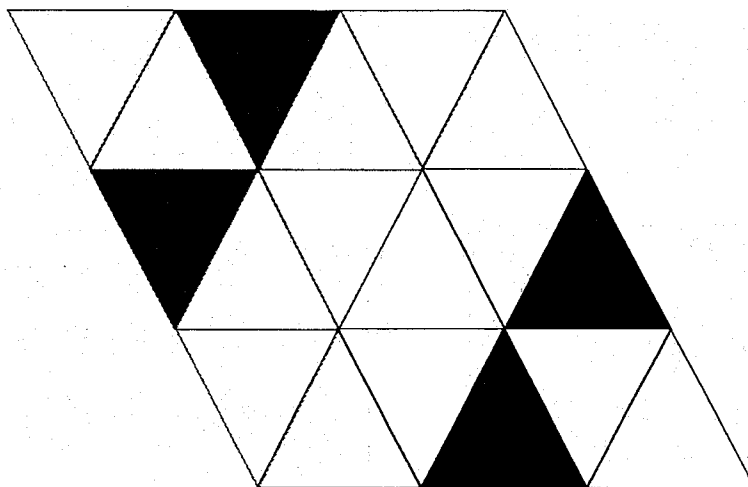
Class : Pr 4 _____ Date : 3rd August 2018

Duration : 50 min Parent's Signature : _____

Section A : Multiple-Choice Questions

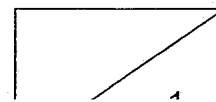
Questions 1 to 4 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer (1, 2, 3 or 4) in the brackets provided. (4 marks)

1. The figure is made up of identical triangles. What fraction of the figure is shaded?



- (1) $\frac{2}{7}$
(2) $\frac{2}{9}$
(3) $\frac{7}{2}$
(4) $\frac{7}{9}$

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2 Express $3\frac{3}{5}$ as an improper fraction.

(1) $\frac{9}{5}$

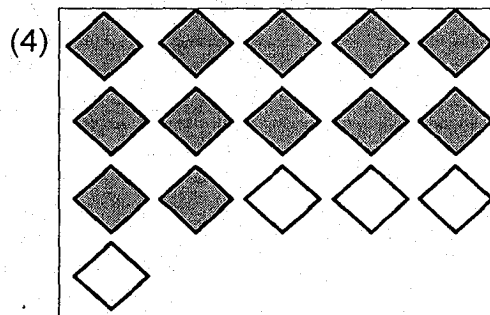
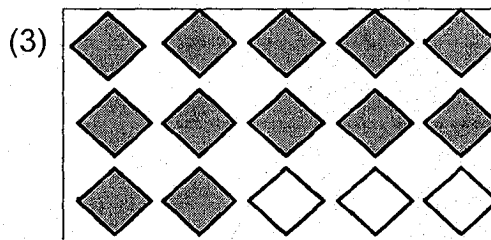
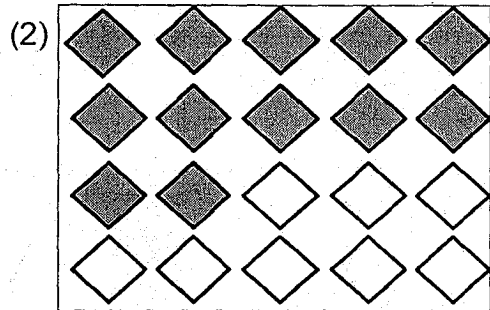
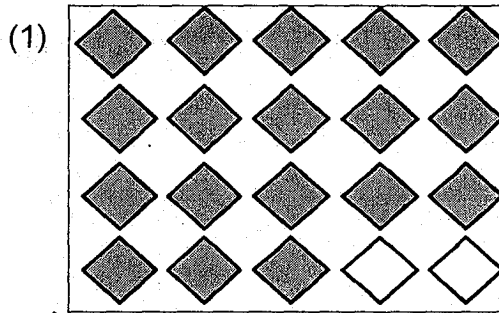
(2) $\frac{15}{5}$

(3) $\frac{18}{5}$

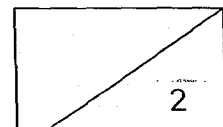
(4) $\frac{33}{5}$

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3 Which of the following shows $\frac{3}{4}$ of a set shaded?



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- 4 Mrs Tan used 3 kg of sugar to bake some cookies. She used $\frac{2}{5}$ kg of sugar to make some cupcakes and $\frac{7}{10}$ kg of sugar to bake some muffins. How much sugar did she use altogether?

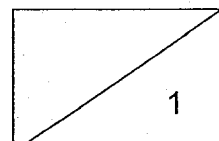
(1) $1\frac{1}{10}$ kg

(2) $1\frac{9}{10}$ kg

(3) $4\frac{1}{10}$ kg

(4) $4\frac{9}{15}$ kg

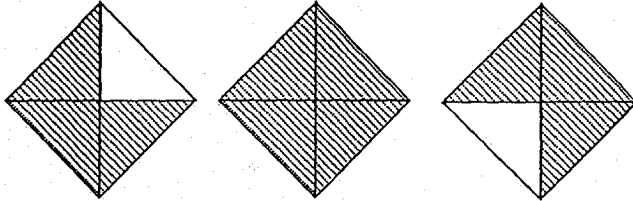
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Section B : Short-Answer Questions

Questions 5 to 13 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (18 marks)

5



Write a mixed number in its simplest form to represent the shaded parts.

Ans: _____

6 Arrange the following from the biggest to the smallest.

$$2\frac{3}{4}, \quad \frac{12}{8}, \quad \frac{8}{5}, \quad 4$$

Ans: _____, _____, _____, _____
(biggest) (smallest)

7 How many sevenths are there in $3\frac{4}{7}$?

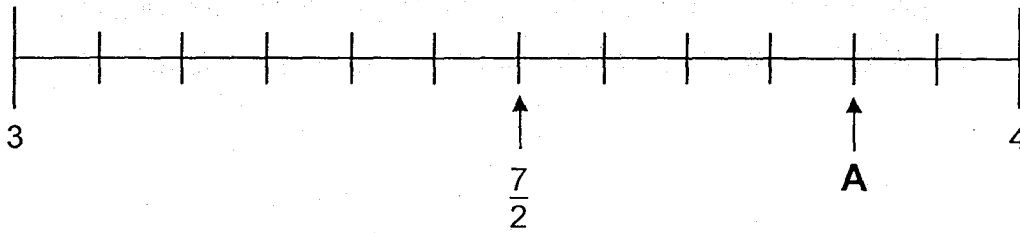
Ans: _____

8 $3\frac{5}{8} = 1 + \frac{\square}{8}$

Ans: _____



- 9 What is the improper fraction represented by the letter **A** on the number line? Express your answer in its simplest form.



Ans: _____

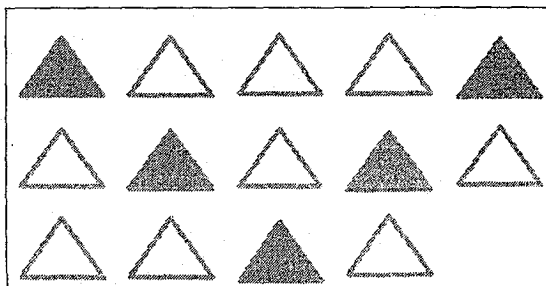
- 10 Find the sum of $\frac{5}{12}$, $\frac{1}{3}$ and $\frac{7}{12}$. Express your answer as a mixed number in its simplest form.

Ans: _____

- 11 Find the value of $2 - \frac{1}{4} - \frac{3}{8}$.

Ans: _____

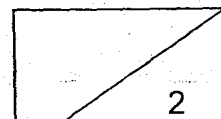
- 12 How many more triangles must be shaded to show $\frac{6}{7}$ of the set?



Ans: _____

- 13 Mother bought a few similar pizzas. Brenda ate $\frac{2}{3}$ of a pizza. Her brother ate $\frac{7}{9}$ of a pizza more than her. How many pizzas did her brother eat? Express your answer as a mixed number in its simplest form.

Ans: _____



Section C : Long-Answer / Structured Questions

Questions 14 and 15 carry 4 marks each, show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (8 marks)

- 14 James had some Pokemon cards. He lost $\frac{3}{7}$ of them in school. If he had 84 cards at first, how many cards had he left?

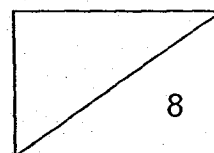
Ans: _____

- 15 Charmaine made some puffs. She gave 7 puffs to her best friend and $\frac{4}{9}$ of them to her teachers. She then had 8 puffs left. How many puffs did Charmaine make?

Ans: _____

END OF PAPER

Did you check your paper? 😊



3

THE PRESIDENT OF THE UNITED STATES OF AMERICA
BY _____
VICE PRESIDENT

TO THE HONORABLE _____
SENATOR FROM THE STATE OF _____

YOUR EXCELLENCE

I have the honor to acknowledge the receipt of your letter of the _____ day of _____ 19____

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,

RED SWASTIKA SCHOOL
2018 P4 CLASS TEST 3
MATHEMATICS

Section A : Multiple-Choice Questions

1. (2)	2. (3)	3. (4)	4. (3)
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Section B : Short-Answer Questions

5	$2\frac{2}{4}$ (M1) or equivalent $2\frac{1}{2}$ (A1)	10	$\frac{5}{12} + \frac{1}{3} + \frac{7}{12}$ (M1) = $1\frac{1}{3}$ (A1)
6	$4, 2\frac{3}{4}, \frac{8}{5}, \frac{12}{8}$ (A2) Perfect answer	11	$\frac{11}{8}$ (M1) = $1\frac{3}{8}$ (A1)
7	25 (A2)	12	$12 - 5$ (M1) = 7 (A1)
8	21 (A2)	13	$\frac{2}{3} + \frac{7}{9}$ (M1) = $1\frac{4}{9}$ (A1)
9	$3\frac{10}{12}$ (M1) or $3\frac{5}{6}$ (M1) $\frac{46}{12}$ (M1) = $\frac{23}{6}$ (A1)		

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

ROBERT M. WAYmouth

PROFESSOR OF CHEMISTRY AND DIRECTOR OF THE DIVISION OF THE PHYSICAL SCIENCES

1950-1951

RESEARCH ASSISTANT

1952-1953

1954-1955

1956-1957

1958-1959

1960-1961

Section C : Long-Answer / Structured Questions

14. 7 units \rightarrow 84 (M1)
1 unit \rightarrow $84 \div 7$ (M1)
= 12
4 units \rightarrow 12×4 (M1)
= **48** (A1)

He had **48** cards left.

15. 5 units \rightarrow $7 + 8$ (M1)
= 15
1 unit \rightarrow $15 \div 5$ (M1)
= 3
9 units \rightarrow 3×9 (M1)
= **27** (A1)

She had **27** puffs at first.

