34

Name: _____ ( )

Class: Primary 3_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2020 End-Year Assessment

Booklet A

27 October 2020

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 9 printed pages.

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Section A (15 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

---

1. The digit 1 in 3815 is in the _____ place.

   (1) ones

   (2) tens

   (3) hundreds

   (4) thousands

2. How many hundreds are there in 6000?

   (1) 6

   (2) 60

   (3) 600

   (4) 6000

3. Complete the number pattern below.

   1306, 1286, _____, 1246, 1226, 1206

   (1) 1296

   (2) 1284

   (3) 1276

   (4) 1266

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4. Mrs Lim gave her 3 children $9 each. How much did she give to her children altogether?

(1) $27

(2) $18

(3) $3

(4) $12

5. Mrs Gan told her pupils to show 4 m 3 cm in another way. Which pupil answered it correctly?

Pupil	Pupil's Answer
Annabelle	43 cm
Jenny	403 cm
Weijie	430 cm
Zakir	4003 cm

(1) Annabelle

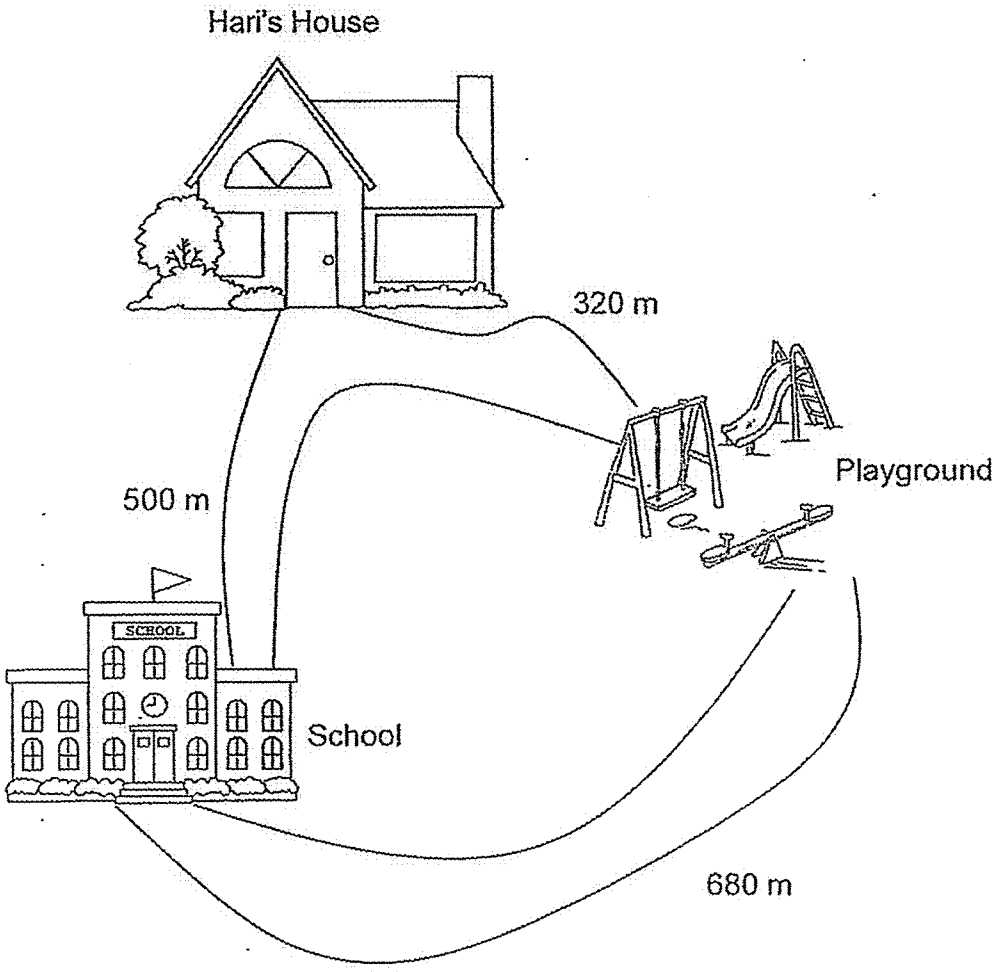
(2) Jenny

(3) Weijie

(4) Zakir

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6. Every day, Hari walks from his school to the playground before going home. What is the total distance he walks from his school to his house every day?



(1) 820 m

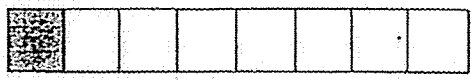
(2) 1000 m

(3) 1180 m

(4) 1500 m

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7. Which of the following shows that $\frac{1}{4}$ of the figure is shaded?

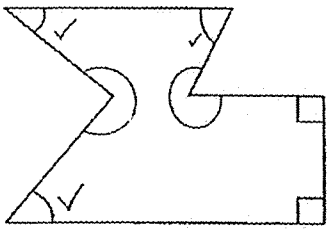
(1) 

(2) 

(3) 

(4) 

8. Look at the marked angles in the figure. How many of the marked angles are acute angles?



(1) 5

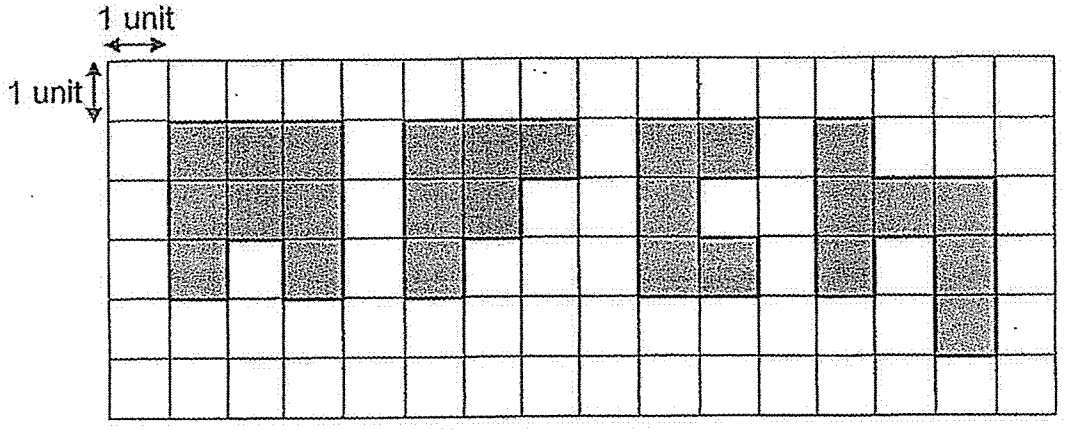
(2) 2

(3) 3

(4) 4

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9. Which of the figures shown in the grid below has the largest area?



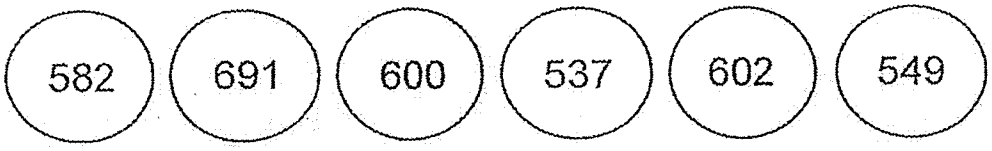
(1) Figure A

(2) Figure B

(3) Figure C

(4) Figure D

10. Look at the numbers below.
What is the sum of the greatest and the smallest even number?



(1) 1137

(2) 1184

(3) 1228

(4) 1273

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11. Jiaxi was asked to choose a number. When he divided the number by 4, there was a remainder of 2. What was the number that Jiaxi chose?

(1) 93

(2) 92

(3) 91

(4) 90

12. Mr Lee sold 2600 bookmarks. He sold 850 more bookmarks than Mr Ng. How many bookmarks did they sell altogether?

(1) 1750

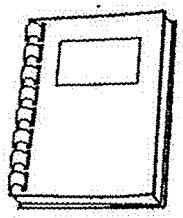
(2) 3450

(3) 4350

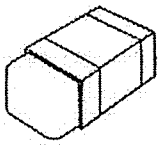
(4) 6050

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13. Christine bought the two items below from the bookshop.



Notebook
$1.90



Eraser
$0.80

She gave the cashier two $2-notes. How much change did she receive?

(1) $4.70

(2) $2.70

(3) $1.30

(4) $0.70

14. Rajesh had $84.20 at first. He spent $38.50 on food. Then his mother gave him another $20. How much did he have in the end?

(1) $142.70

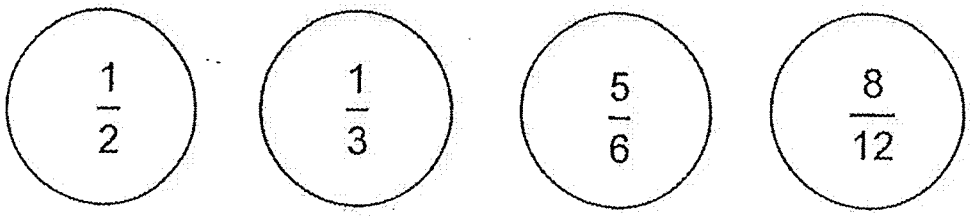
(2) $65.70

(3) $45.70

(4) $25.70

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15. Which 2 fractions below add up to 1 whole?



(1) $\frac{1}{2}$ and $\frac{1}{3}$

(2) $\frac{1}{3}$ and $\frac{5}{6}$

(3) $\frac{1}{3}$ and $\frac{8}{12}$

(4) $\frac{5}{6}$ and $\frac{8}{12}$

End of Booklet A

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Name: _____ ( )

Class: Primary 3_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2020 End-Year Assessment

Booklet B

27 October 2020

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

_____

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

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Follow all instructions carefully.
Answer all questions.

This booklet consists of 14 printed pages.

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Section B (15 x 2 marks)

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

Do not write in this space

16. Write six thousand and fifty-one in numerals.

Ans : _____

17. Arrange the numbers below in order, beginning with the greatest.

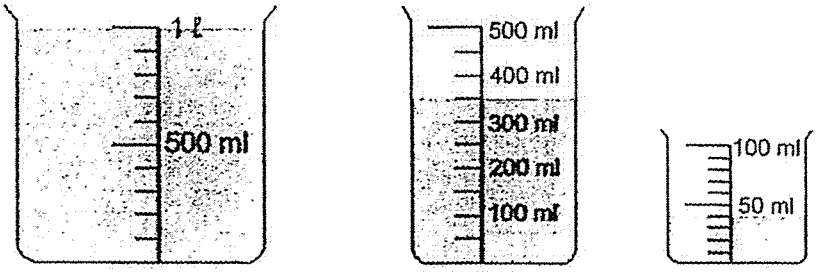
1873	1387	1738	1837

Ans: _____, _____, _____, _____
(Greatest)

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18. A pot of water was completely filled with water at first. All the water in the pot was poured into 3 smaller beakers, without spilling, as shown below. What is the capacity of the pot?

Do not write in this space



Ans : _____ ℓ _____ ml

19. Circle 1 note and 4 coins below to make $3.25.



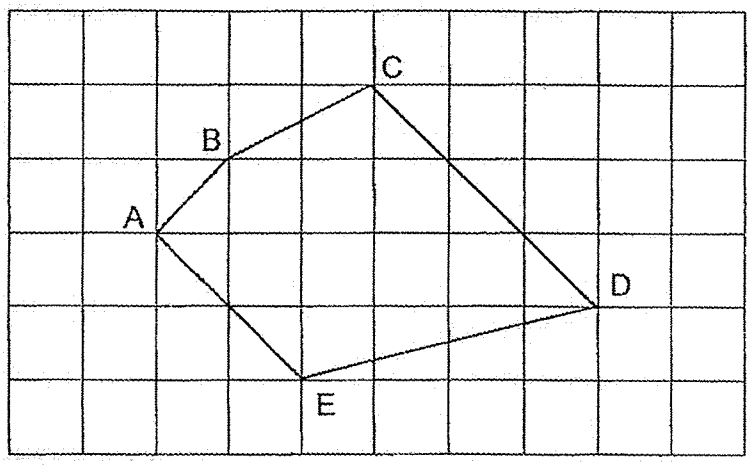
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20. Express $\frac{6}{10}$ in its simplest form.

Do not write in this space

Ans : _____

21. Study the figure below.

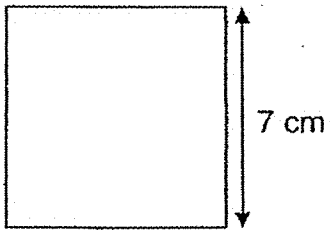


Which line is parallel to CD?

Ans : Line _____

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22. Find the area of the square below.



Ans : _____ cm^2

23. Nathan eats 1 apple every 2 days. How many apples does he eat at the end of 2 weeks?

Ans : _____

24. $6 \times 9 = 2 \times 9 +$?

What is the missing number in the box?

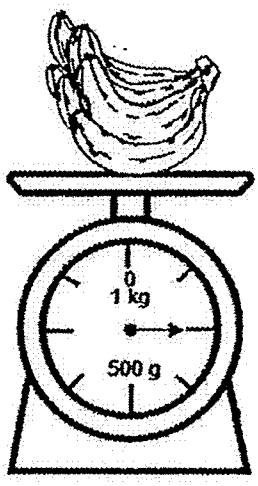
Ans : _____

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25. The figure below shows the mass of 1 bunch of bananas. Find the mass of 3 such bunches of bananas.

Do not write in this space



Ans : _____ g

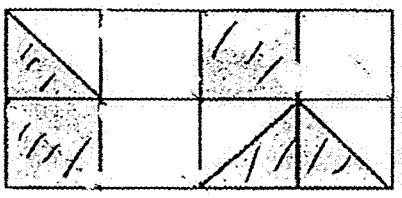
26. A tank was filled with 14 ℓ of water at first. Kaixun poured 8 pails of water into the tank. Each pail contained 2 ℓ of water. What is the total amount of water in the tank now?

Ans : _____ ℓ

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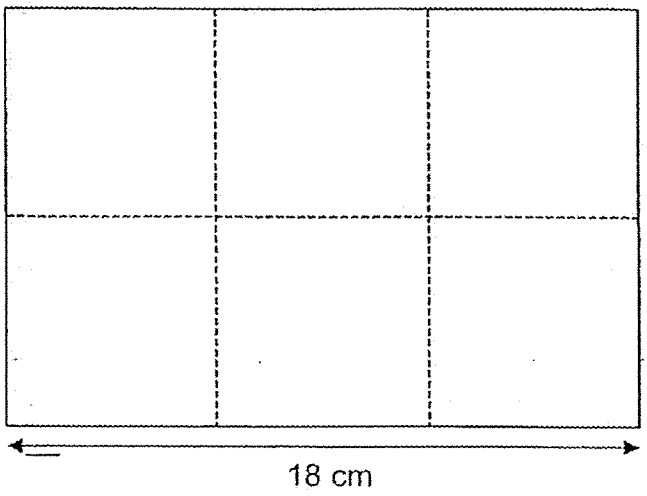
27. The figure is made up of similar squares. What fraction of the figure is unshaded?

Do not write this space



Ans : _____

28. The figure below is made up of 6 square cardboard pieces placed side by side. Find the perimeter of the figure.

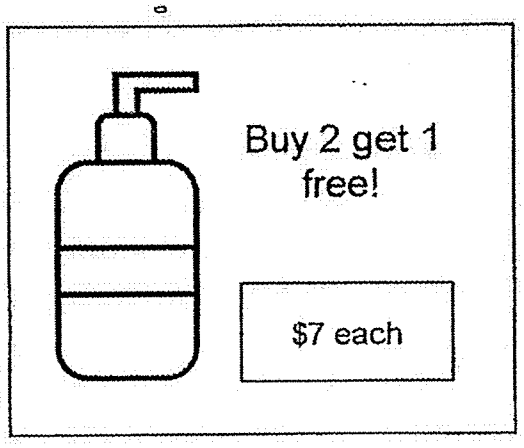


Ans : _____ cm

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29. There is a sale at Beauty Shop. Enqi wants to get 4 bottles of shampoo from the shop. How much will she need to pay altogether?

Do not write in this space



Ans : $_____

30. There were 3498 more visitors in Exhibition Hall A than in Exhibition Hall B. 480 visitors in Exhibition Hall A left and 634 visitors entered Exhibition Hall B. How many more visitors were there in Exhibition Hall A than in Exhibition Hall B in the end?

Ans : _____

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Section C (20 marks)

Do not write in this space

For questions **31** to **36**, show your workings clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

---

31. 495 pupils went to a concert. 162 of them were boys and the rest were girls. How many more girls than boys were there?

Ans : _____ [3]

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32. Veera has twice as many straws as Lina. Minghao has twice as many straws as Veera. Minghao has 192 more straws than Lina. How many straws do they have altogether?

Do not write in this space

Ans : _____ [3]

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33. Shimin had some cookies. She ate 14 cookies. She and her 8 friends shared the rest of the cookies equally. Each of them received 12 cookies. How many cookies did Shimin have at first?

Do not write in this space

Ans : _____ [3]

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34. Raihan, Sherry and Tim had $1920 altogether. Tim had $120 less than Raihan. Raihan and Sherry had the same amount of money. How much money did Sherry have?

Do not write in this space

Ans : _____ [3]

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35. Aunty Linda had 160 g of sugar. She divided the sugar into 4 portions. She used 1 portion of sugar to make 5 cups of tea. She used an equal amount of sugar for each cup of tea. How much sugar did she use for each cup?

Do not write in this space

Ans : _____ [4]

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36. The figures below are made up of white and grey triangles. The figures follow a pattern.

Do not write in this space



Figure 1

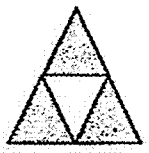


Figure 2

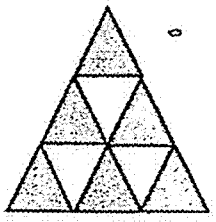


Figure 3

(a) Study the pattern and complete the table below.

Figure No.	No. of White Triangles	No. of Grey Triangles	Total No. of Triangles
1	0	1	1
2	1	3	4
3	3	6	9
4	6	10	16
5	( )	( )	( )

[1]

(b) How many grey triangles are there in Figure 6?

(c) A figure has 64 triangles altogether. How many white triangles are there in this figure?

Ans : (b) _____ [1]

(c) _____ [2]

End of Paper

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ANSWER KEY

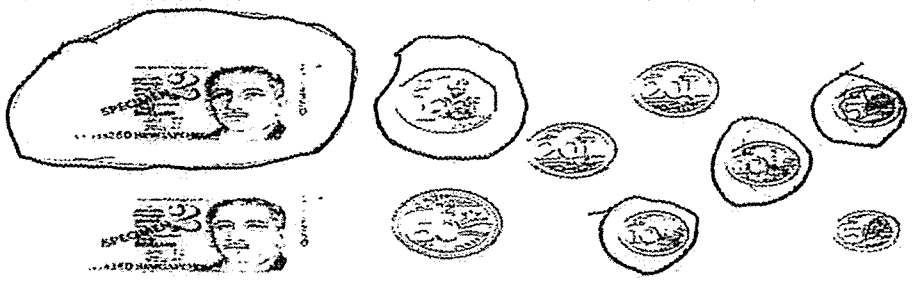
YEAR: 2020

SCHOOL: CHIJ ST NICHOLAS GIRLS' SCHOOL

SUBJECT: MATHMATICS

TERM: END-YEAR ASSESSMENT

Q1	2	Q2	2	Q3	4	Q4	1	Q5	2
Q6	2	Q7	2	Q8	3	Q9	1	Q10	2
Q11	4	Q12	3	Q13	3	Q14	2	Q15	3

Q16	6051
Q17	1873, 1837, 1738, 1387
Q18	1l 390ml
Q19	
Q20	$\frac{3}{5}$
Q21	Line AE
Q22	$7\times7=49cm^2$
Q23	7+7=14 14÷2=7
Q24	54−18=36
Q25	500÷4=125 125×2=250 250×3=750g
Q26	8×2=16 16+14=30l
Q27	$\frac{9}{16}$
Q28	3÷18=6 6×2=18 18+12=30 30+30=60cm

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Q29	7×3=$21
Q30	3498−480=3018 3018−634=2384
Q31	495−162=333 333−162=171 There are 171 more girls than boys.
Q32	3 units→192 192÷3=64 64×7=448 They have 448 straws altogether.
Q33	12×9=108 108+14=122 Shimin had 122 cookies at first.
Q34	1920+120=2040 2040÷3=680 Sherry have $680
Q35	160÷4=40 40÷5=8 She used 8g of suger for each cup.
Q36	(a)(10)(15)(25) (b)15+6=21 There are 21 grey triangles in figure 6 (c)8×8=64(figure 8) 10+5+6+7=28 There are 28 white triangles in the figure. (b)21 (c)28

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