

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2020
PRIMARY 3
MATHEMATICS

BOOKLET A

Total Time

Sections A to C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ()

Class: Primary 3. _____

Date: 29 October 2020

This booklet consists of 8 printed pages including this page.

Section A

Questions 1 to 4 carry 1 mark each.

Questions 5 to 16 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). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (28 marks)

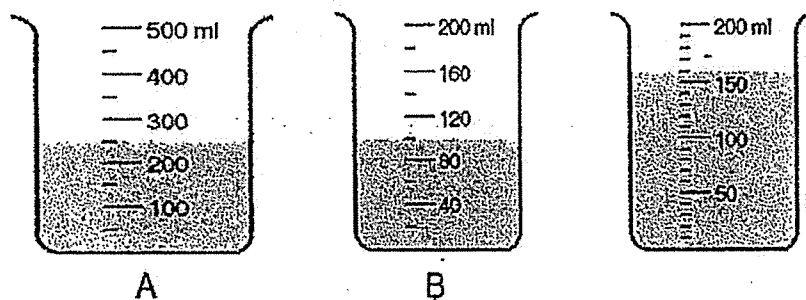
1 In 3214, which digit is in the hundreds place?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

2 Which of the following is the same as 5 thousands and 7 tens?

- (1) 570
- (2) 5007
- (3) 5070
- (4) 5700

3 Three beakers with some water are shown below. Which beaker has the least water and which beaker has the most water?



- | | <u>Least</u> | <u>Most</u> |
|-----|--------------|-------------|
| (1) | A | C |
| (2) | B | C |
| (3) | B | A |
| (4) | C | A |

(Go on to the next page)

4 3 h 45 min = _____ min

- (1) 180
- (2) 195
- (3) 225
- (4) 345

- 5 Kelly has 2 two-dollar notes. She exchanges the notes for 20-cent coins. How many coins will she receive?

- (1) 10
- (2) 15
- (3) 20
- (4) 25

- 6 What is the missing number in the box?

$$\frac{6}{21} = \frac{2}{\boxed{}}$$

- (1) 63
- (2) 17
- (3) 3
- (4) 7

(Go on to the next page)

7 Find the value of $\frac{1}{4} + \frac{5}{12}$.

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

(2) $\frac{3}{12}$

(3) $\frac{3}{4}$

(4) $\frac{2}{3}$

8 Mandy has 264 stickers. Nellie has twice as many stickers as Mandy. How many stickers does Nellie have?

(1) 132

(2) 428

(3) 528

(4) 792

9 Which of the following could be the height of the door of your classroom?

(1) 2 cm

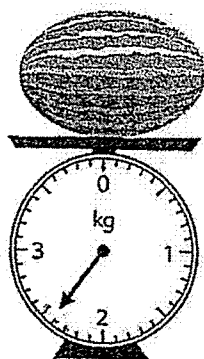
(2) 2 m

(3) 20 cm

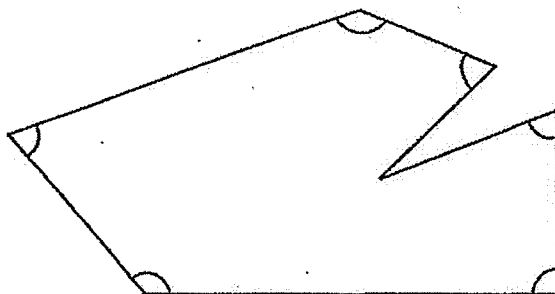
(4) 20 m

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- 10 What is the mass of the watermelon?



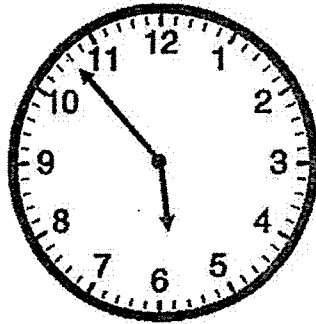
- (1) 2 kg 4 g
 - (2) 2 kg 40 g
 - (3) 2 kg 400 g
 - (4) 2 kg 500 g
11. How many of the marked angles is/are greater than a right angle?



- (1) 1
- (2) 2
- (3) 3
- (4) 6

(Go on to the next page)

- 12 What is the time shown on the clock?



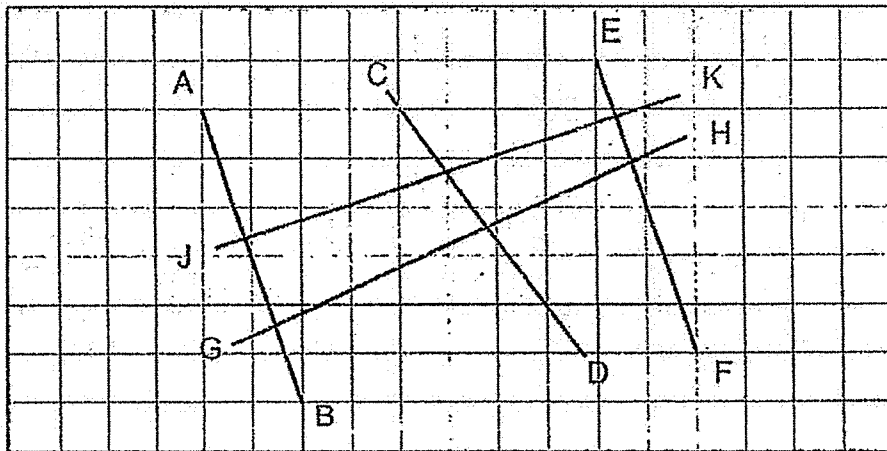
- (1) 7 minutes to 5
(2) 7 minutes to 6
(3) 23 minutes past 6
(4) 29 minutes past 10
- 13 John took 10 days to read a book with 153 pages. He read 27 pages on the first day. From the 2nd day onwards, he read the same number of pages each day. How many pages did he read on each of the remaining 9 days?
- (1) 14
(2) 17
(3) 3
(4) 126

(Go on to the next page)

- 14 How many numbers between 20 and 45 can be divided by 8 without leaving any remainder?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

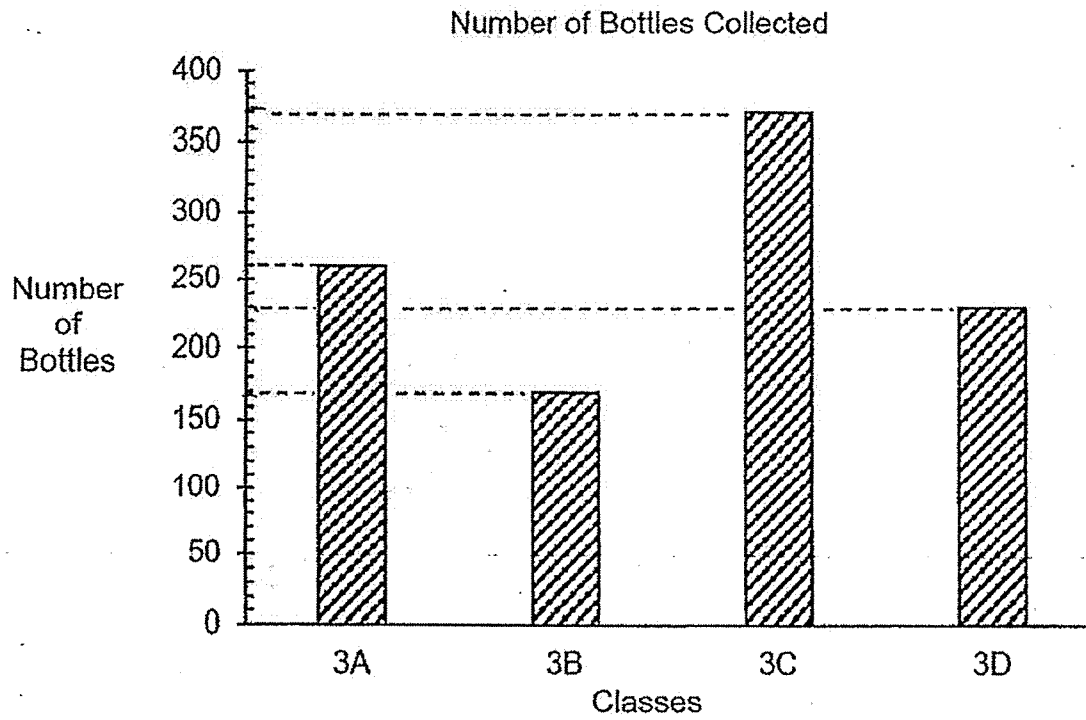
- 15 Which two lines shown below are parallel to each other?



- (1) AB and CD
- (2) AB and EF
- (3) CD and EF
- (4) JK and GH

(Go on to the next page)

- 16 The graph shows the number of bottles collected by 4 classes for a recycling project.



How many bottles were collected by Class 3A and 3C altogether?

- (1) 430
- (2) 540
- (3) 600
- (4) 630

(Go on to Booklet B)

METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2020 PRIMARY 3 MATHEMATICS

BOOKLET B

Total Time

Sections A to C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ()

Class: Primary 3. _____

Date: 29 October 2020

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80

Parent's Signature: _____

This booklet consists of 7 printed pages including this page.

Section B

Questions 17 to 31 carry 2 marks each.

Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated. (30 marks)

17. Write nine thousand and twelve in numerals.

Ans: _____

18. Complete the number pattern.

3560 , 3680 , 3800 , _____ , 4040 , 4160

Ans: _____

19. Find the product of 237 and 7.

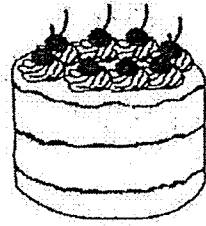
Ans: _____

20. Jing Yi saved \$432. She saved \$86 more than Mei Ling. How much money did Mei Ling save?

Ans: \$ _____

(Go on to the next page)

21. Mrs Lee has 92 cherries.
She needs 8 cherries to decorate each cake.
What is the greatest number of cakes she can decorate?



Ans: _____

22. Minah had 2 fifty-dollar notes in her wallet. After buying some books at bookshop, she had \$48.65 left. How much did she spend on the books?

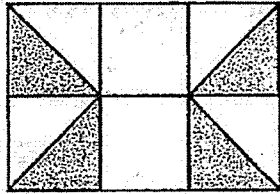
Ans: \$ _____

23. Find the value of $\frac{7}{10} - \frac{1}{5}$.
Give your answer in the simplest form.

Ans: _____

(Go on to the next page)

24. What fraction of the figure below is shaded?
Express your answer in the simplest form.



Ans: _____

25. The sign below shows the opening hours of Health Clinic.
For how long is the clinic open each day?

<u>Health Clinic</u> <u>Opening hours</u>
Monday to Sunday
8 a.m. – 12.15 p.m.
2 p.m. – 5.30 p.m.

Ans: _____ h _____ min

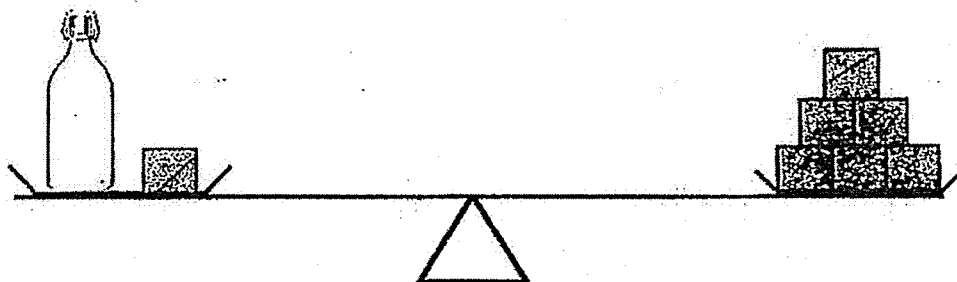
26. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{2} \quad , \quad \frac{3}{5} \quad , \quad \frac{5}{12}$$

Ans: _____ , _____ , _____
greatest smallest

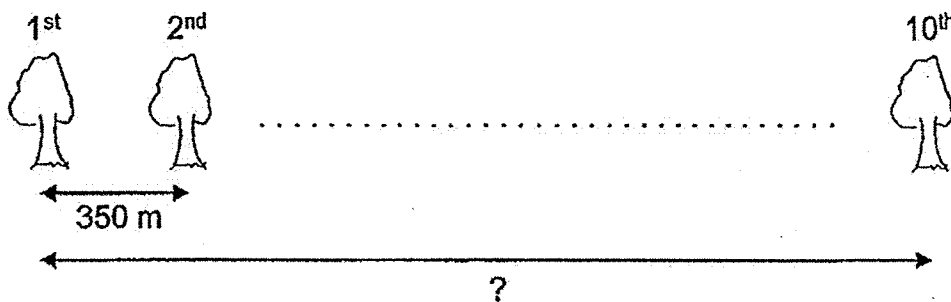
(Go on to the next page)

27. Look at the diagram below.
Each of the wooden blocks on both pans is of equal mass.
The mass of the bottle is 630 g. What is the mass of 1 wooden block?



Ans: _____ g

- 28 10 trees are planted along a straight road. The distance between every 2 trees is 350 m. What is the distance between the first and the 10th tree?
Give your answer in kilometres and metres.

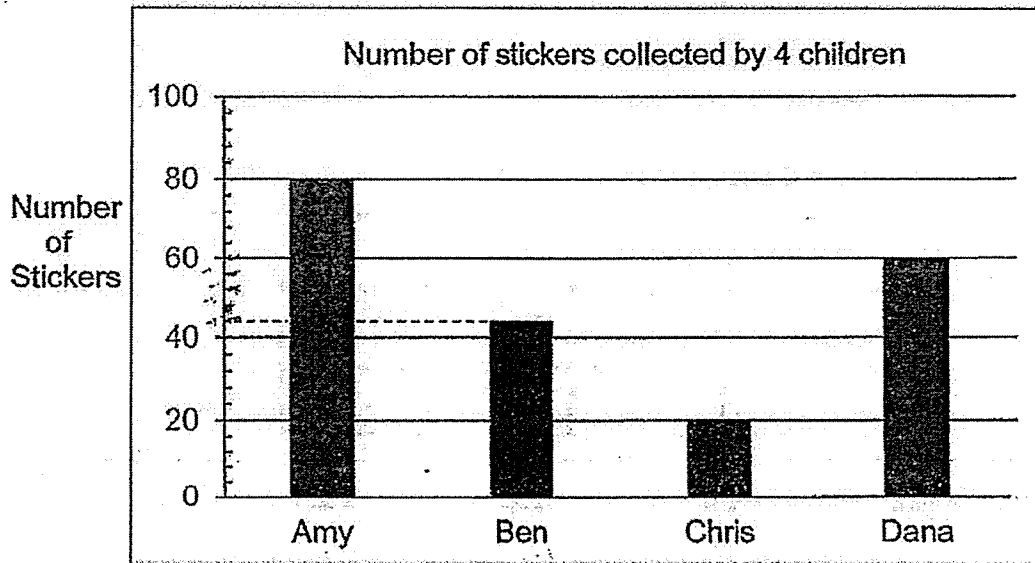


Ans: _____ km _____ m

(Go on to the next page)

Study the graph below and answer Q29 and Q30.

The graph shows the number of stickers collected by 4 children.



29. How many fewer stickers did Ben collect than Amy?

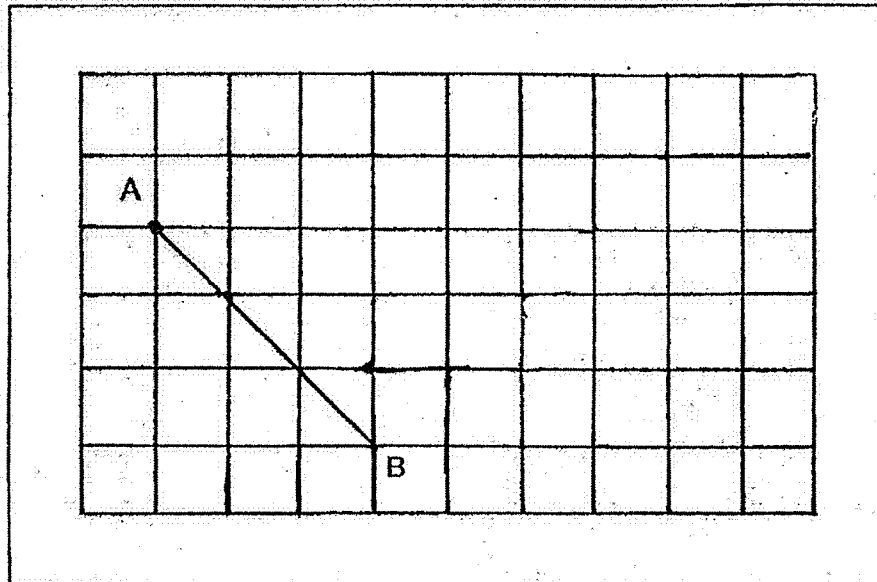
Ans: _____

30. How many stickers must Dana give to Chris so that they will have the same number of stickers?

Ans: _____

(Go on to the next page)

31. Draw a line perpendicular to AB , passing through point B .



(Go on to Booklet C)

METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2020 PRIMARY 3 MATHEMATICS

BOOKLET C

Total Time

Sections A to C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
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Name: _____ ()

Class: Primary 3. _____

Date: 29 October 2020

This booklet consists of 6 printed pages including this page.

Section C

For questions 32 to 37, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (22 marks)

- 32 Mdm Ling sold 385 curry puffs on Friday. She sold 137 more curry puffs on Saturday than on Friday. How many curry puffs did Mdm Ling sell on both days?

Ans: _____ [3]

- 33 Mrs Raj bought 50 more pens than pencils.
She bought 438 pens and pencils altogether.
How many pencils did she buy?

Ans: _____ [4]

- 34 A table cost \$160 more than a chair.
Mrs Lim bought a table and 5 chairs for \$328.
Find the cost of 1 chair.

Ans: _____ [4]

35 Joan, Kelly and Leon have 972 stamps altogether.

Kelly has twice as many stamps as Joan.

Leon has three times as many stamps as Kelly.

(a) How many stamps does Joan have?

(b) How many more stamps does Leon have than Kelly?

Ans: (a) _____ [2]

(b) _____ [2]

- 36** Mr Kumar started painting his house at 8.15 a.m.
He took 2 h 40 min to paint the living room and 1 h 50 min to paint his bedroom.

- (a) How long did Mr Kumar take to paint both rooms?
Give your answer in hours and minutes.
- (b) At what time did Mr Kumar finish painting both rooms?

Ans: (a) _____ [1]

(b) _____ [2]

- 37 8 buses are needed to take a group of tourists to the zoo.
There are 44 seats on each bus. The first 7 buses are full. The last bus has 4 empty seats. How many tourists are there altogether?

Ans: _____ [4]

End of Paper

ANSWER KEY

YEAR : 2020

LEVEL : PRIMARY 3

SCHOOL : METHODIST GIRLS' SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

BOOKLET A

Q1	2	Q2	3	Q3	3	Q4	3	Q5	3
Q6	4	Q7	4	Q8	3	Q9	2	Q10	3
Q11	2	Q12	2	Q13	1	Q14	3	Q15	2
Q16	4								

BOOKLET B

Q17	9012
Q18	3920
Q19	1659
Q20	\$346
Q21	11
Q22	\$51.35
Q23	$\frac{1}{2}$
Q24	$\frac{1}{3}$
Q25	7h 45min
Q26	$\frac{3}{5}, \frac{1}{2}, \frac{5}{12}$
Q27	126g
Q28	3km 150m
Q29	36
Q30	20
Q31	

BOOKLET C

Q32	$522+137=522$ $522+385=907$
Q33	$438-50=388$ $388\div 2=194$
Q34	$328-160=168$ $168\div 6=\\$28$
Q35	a) $972\div 9=108$ b) $108\times 2=216$ $108\times 6=648$ $648-216=432$
Q36	a) 4h 30min b) 12.45p.m.
Q37	$8\times 44=352$ $352-4=348$