SA1

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2021)

PRIMARY 4

MATHEMATICS

Booklet A

Tuesday **11 May 2021** **1 h 45 min**

Name: _____

INSTRU

1

2

3 There are 20 questions in this bookl

4 Answer ALL questions.

5 Shade your answers in the Optical A

This question paper consists of 9 printed pages (inclusive of cover page).

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Section A

Questions 1 to 20 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 correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (40 marks)

1. What does the digit 8 in 23 480 stand for?

   1) 8 ones
   2) 8 tens
   3) 8 hundreds
   4) 80 thousands

2. Round 73 951 to the nearest hundred.

   1) 73 900
   2) 73 950
   3) 74 000
   4) 74 050

3. Which one of the following is a factor of 35?

   1) 5
   2) 2
   3) 3
   4) 4

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4. Complete the following number pattern.

218, 248, 278, _____, _____, 368

1) 288, 298
2) 288, 358
3) 308, 318
4) 308, 338

5. Write 2 tens thousands, 8 thousands and 6 tens in numeral.

1) 28 600
2) 28 060
3) 28 006
4) 2860

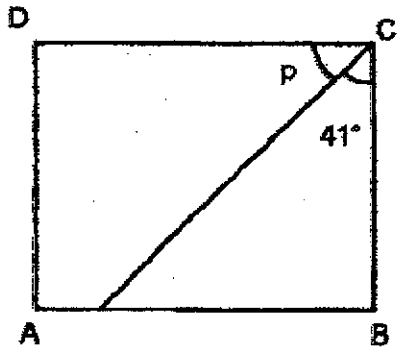
6. How many right angles do $3\frac{1}{2}$ complete turns make?

1) 6
2) 7
3) 13
4) 14

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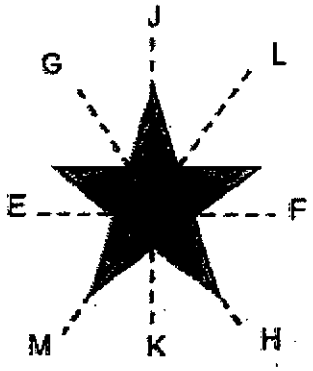
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7. ABCD is a rectangle. Find ∠p.



1) 39°
2) 49°
3) 139°
4) 149°

8. Which of the dotted lines below is <u>not</u> a line of symmetry?



1) Line EF
2) Line GH
3) Line JK
4) Line LM

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9. How many minutes are there in 4 hours 28 minutes?

1) 208 minutes
2) 228 minutes
3) 248 minutes
4) 268 minutes

10. A durian weighs 500 g more than a pineapple. The pineapple weighs 2.6 kg. Find the mass of the durian.

1) 2.605 kg
2) 2.65 kg
3) 3.1 kg
4) 7.6 kg

11. Arrange these four numbers from the greatest to the smallest.

66 012	66 102	66 201

	Greatest		Smallest
1)	66 201,	66 102,	66 012
2)	66 201,	66 012,	66 102
3)	66 012,	66 102,	66 201
4)	66 102,	66 012,	66 201

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12. Which of the following fractions is **not** an equivalent fraction of $\frac{3}{5}$?

1) $\frac{5}{10}$
2) $\frac{9}{15}$
3) $\frac{12}{20}$
4) $\frac{15}{25}$

13. What is the sum of the first two common multiples of 4 and 6?

1) 30
2) 36
3) 48
4) 60

14. $9 \times 12 = \boxed{?} + 7$

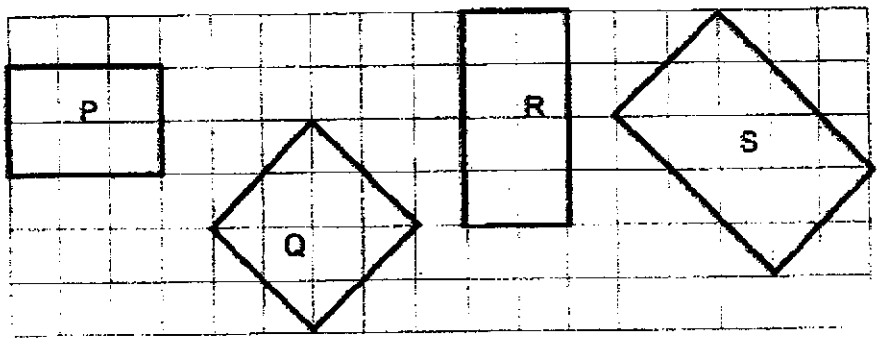
What is the missing number in the box?

1) 63
2) 84
3) 108
4) 756

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15. Which of the following figure is a square?



1) P
2) Q
3) R
4) S

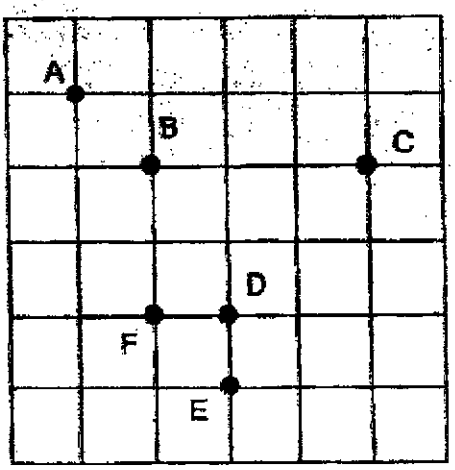
16. Asher and Bala had 1600 stamps altogether. Asher had 80 more stamps than Bala. How many stamps does Bala have?

1) 720
2) 760
3) 840
4) 880

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17. The square grid below shows six attractions of a town.
Helen is at one of the attractions. She is facing F. When she turns 135° clockwise, she faces C. Which landmark is Helen at?





1) A
2) B
3) D
4) E

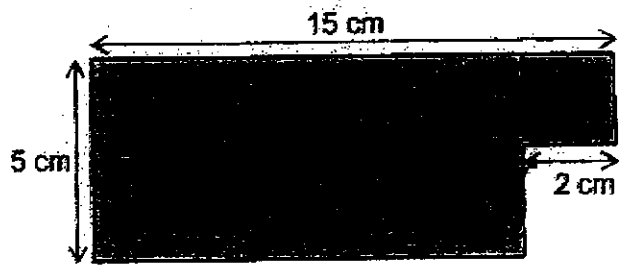
18. Glory wants to buy a pen for $1.85 and a book for $5.60. She is short $3. How much money does Glory have?

1) $4.45
2) $6.75
3) $7.45
4) $10.45

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19. The figure shown below is made up of a square and a rectangle. Find the perimeter of the figure.



1) 22 cm
2) 37 cm
3) 40 cm
4) 42 cm

20. Amy and Ben had some storybooks. After Amy gave 16 storybooks to Ben, she had 34 more storybooks than Ben. How many more storybooks did Amy have than Ben at first?

1) 50
2) 52
3) 66
4) 84

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2021)

PRIMARY 4

MATHEMATICS

Booklet B

Tuesday **11 May 2021** **1 hr 45 min**

Name: _____ Class: 4.( )

INSTI

1

2

3 There are 25 questions in this booklet.

4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

This question paper consists of 15 printed pages (inclusive of cover page).

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Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(40 marks)

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21. Which number is 10 more than 7998?

22. What is the ninth multiple of 6?

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23. Form the smallest 5-digit even number using the digits below.
Do not start your number with zero.

3 , 0 , 2 , 9 , 8

24. Find the product of 508 and 17.

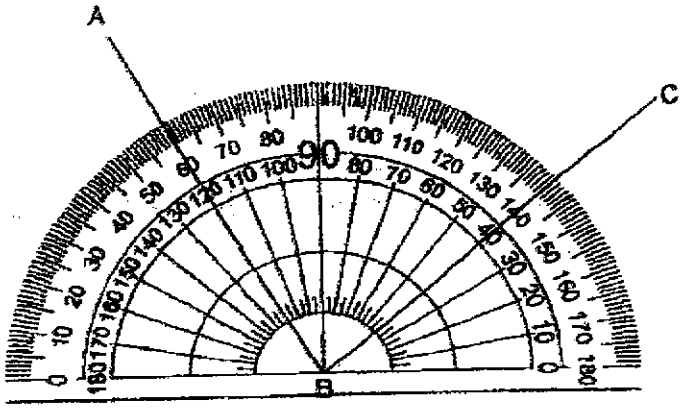
25. What is the remainder when 6543 is divided by 7?

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26. Study the straight lines on the protractor below. What is the value of ∠ABC?



°

27. What is the sum of the factors of 45?

28. What is the value of $\frac{5}{8} - \frac{1}{4}$?

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29. The properties of a square and a rectangle are stated the below.

Each of the statements below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) to indicate your answer.

Statement	True	False	Not possible to tell
A square has 4 equal sides and all angles are right angles.			
A rectangle has 4 equal angles and exactly one pair of parallel lines.			

30. 1848 stickers were shared equally among a group of children. Each child received 7 stickers. How many children were there?

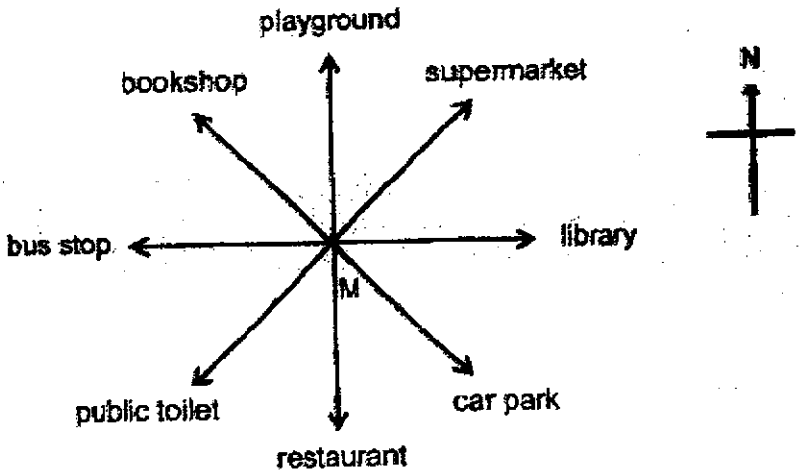
31. When a number is divided by 6, it gives a quotient of 983 and a remainder of 1. What is the number?

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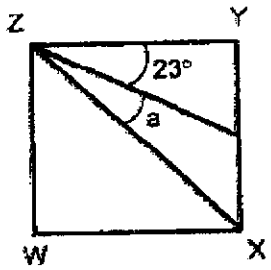
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32. Jabez is standing at M and facing east. How many degrees must he turn in a clockwise direction to face the playground?



[ ] °

33. WXYZ is a square. ∠WZX is equal to ∠XZY. Find ∠a.



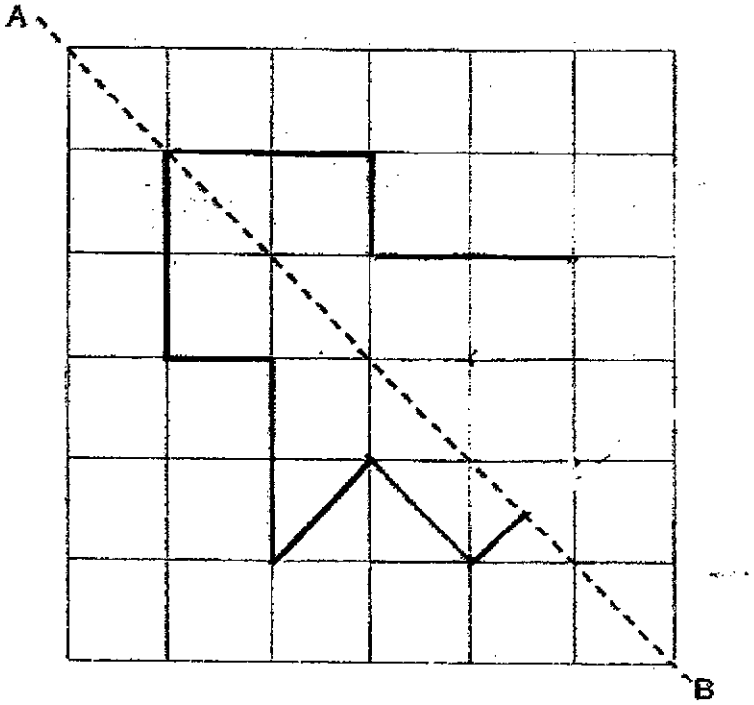
[ ] °

Sub-Total : [ ]

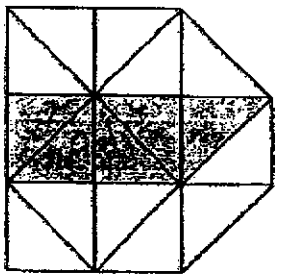
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34. The dotted line AB in the figure below is a line of symmetry. Complete the symmetric figure with respect to a given line of symmetry on square.



35. The figure is made up of 16 similar triangles. How many **more** triangles must be shaded so that $\frac{3}{4}$ of the figure is shaded?



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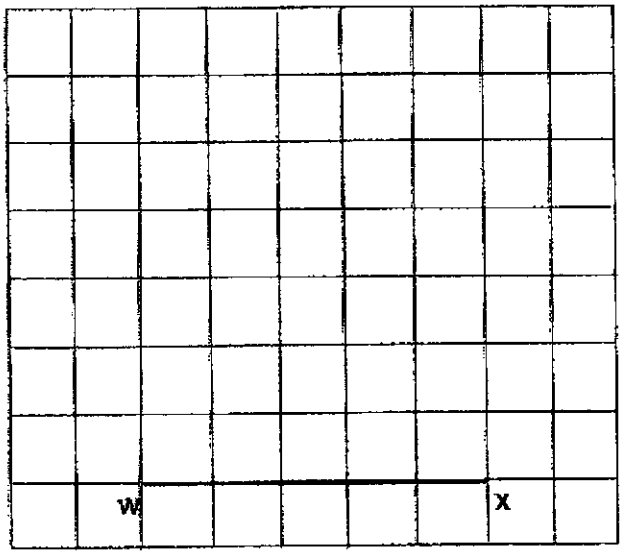
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38. Florian works from 8.30 a.m. to 5.30 p.m. every day. He is paid $12 for an hour including any break time. How much does Florian earn every day?

$

37. A line WX is drawn on a 1-cm square grid as shown below.
WX forms one side of rectangle WXYZ.
Complete the drawing of rectangle WXYZ in the square grid, such that it has an area of 30 cm^2.

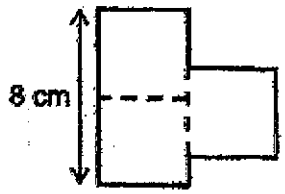


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38. The figure shown below is made up of 3 identical squares.
Find the perimeter of the figure.



cm

39. Mr Tan paid $294 for a shirt and 3 dresses. Each dress cost 2 times as much as a shirt. How much did the shirt cost?

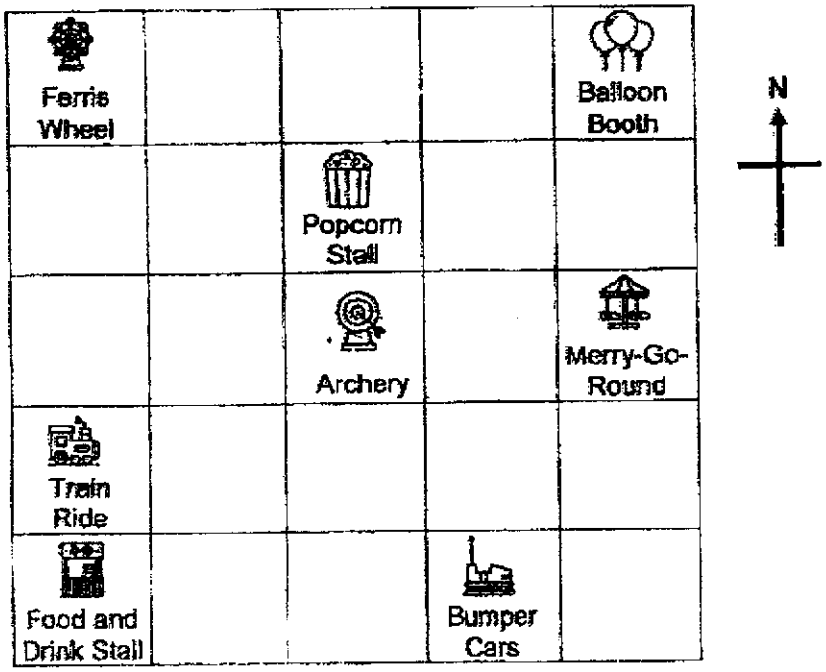
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40. The square grid below shows the plan of a funfair.



(a) Remus stood at the Archery facing the Ferris Wheel after making a $\frac{3}{4}$ - turn in the anti-clockwise direction. Where was he facing at first?

(b) Remus fixed a location to meet his parents after taking a train ride. The location of the meeting place was to be north-west of the Merry-Go-Round and north of Popcorn Stall. Put a tick (✓) in the square where the meeting place was.

(a)

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Section C

For questions 41 to 45, show your working 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.

(20 marks)

---

41. The farmer collected 1145 apples. After throwing away 49 rotten ones, he sold the remaining apples in packets of 8. The farmer sold each packet of apples for $6. How much did he receive from the sale of apples?

Ans: _____ [4]

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42. Danny and Elijah went shopping together. Danny had twice the amount of money as Elijah had at first. After Danny spent $654 and Elijah spent $288, they had an equal amount of money left. How much money did Danny have in the end?

Ans: _____ [4]

Sub-Total : ☐

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43. Mr Lim bought 11 similar wallets and 4 similar bags. Each bag cost as much as 3 wallets. Each wallet cost $12. How much did he spend altogether?

Ans: _____ [4]

Sub-Total : ☐

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44. Mrs Cheng is 32 years old and her son is 4 years old. In how many years' time will she be 5 times her son's age?

Ans: _____ [4]

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45. Alice and Carol had 83 stickers altogether. Alice and Betty had 128 stickers altogether. Betty had 4 times as many stickers as Carol. How many stickers did Alice have?

Ans: _____ [4]

End of Booklet B

Sub-Total : [ ]

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ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATHICS
TERM : SEMESTRAL ASSESSMENT 1

BOOKLET A

Q1	2	Q2	3	Q3	1	Q4	4	Q5	2
Q6	4	Q7	2	Q8	1	Q9	4	Q10	3
Q11	1	Q12	1	Q13	2	Q14	4	Q15	2
Q16	2	Q17	3	Q18	1	Q19	3	Q20	3

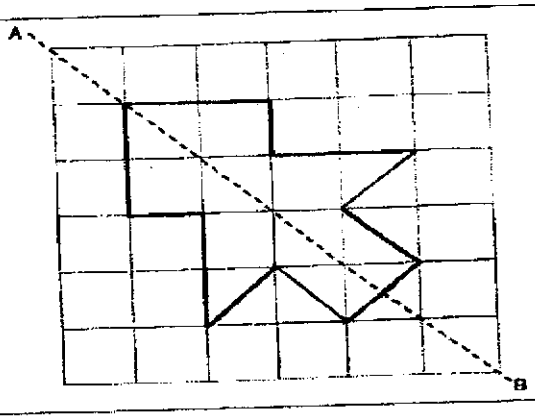
BOOKLET B

Q21	7998 + 10 = 8008
Q22	9 × 6 = 54
Q23	20398` 3
Q24	508 × 17 = 8636
Q25	6543 ÷ 7 = 934 R5
Q26	80°
Q27	78
Q28	$\frac{3}{8}$
Q29	True ✔ False ✔
Q30	848 ÷ 7 = 264 children
Q31	983 × 6 = 5898 5898 + 1 = 5899
Q32	360° – 90° = 270°
Q33	90 ÷ 2 = 45 45 – 23 = 22

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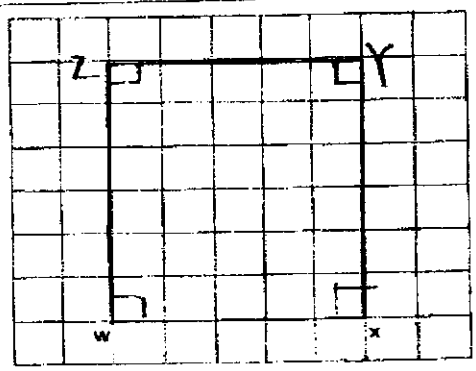
Q34



Q35 $12 - 5 = 7$

Q36 $9 \times 12 = 108$

Q37



Q38 32cm

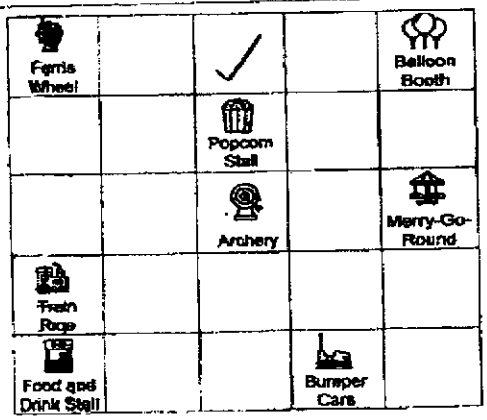
Q39

$3 \times 2 = 6$

$6 + 1 = 7$

$294 \div 7 = \$42$

Q40



(a) food and drink stall

Q41

$1145 - 49 = 1096$

$1096 \div 8 = 137$

$137 \times 6 = 822$

The farmer received $822 from the sales of apple

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Q42	654 – 288 = 366 366 × 2 = 732 732 – 654 = 78 366 – 288= 78 Danny had $78 in the end
Q43	12 × 3 = 36 36 × 4 = 144 11 × 12 =132 132 + 144 =276 Mr Lim spent $276 altogether
Q44	32 ÷ 5 = 6R2 32 + 3 = 35 4 + 3 = 7 35 – 32 = 3 Mrs Cheng will be 5 times her son's age in 3 years.
Q45	128 – 83 = 45 45÷ 3 = 15 15 × 2 = 30 83 – 30 = 53 53 + 15 = 68 Alice had 68 stickers.

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2ND

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