

# METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



## MID-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

### BOOKLET A

#### Total Time

Sections A to C: 1 hour 45 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: 4 May 2018

**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)

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1 Which one of the following has the digit 2 in the tens place?

- (1) 2 584
- (2) 4 825
- (3) 5 482
- (4) 8 245

2 How many tens are there in 3 710?

- (1) 1
- (2) 10
- (3) 371
- (4) 710

3 What is 5 thousands, 6 tens and 19 ones in numerals?

- (1) 579
- (2) 5 079
- (3) 5 619
- (4) 5 719

4 Complete the number pattern.

2 946, 2 926, 2 906, , 2 866

- (1) 2 706
- (2) 2 886
- (3) 2 926
- (4) 2 986

5 Find the difference between 3 951 and 5 042

- (1) 1091
- (2) 1191
- (3) 2911
- (4) 8993

6 Find the product of 161 and 7

- (1) 23
- (2) 168
- (3) 727
- (4) 1127

7 A packet of 54 sweets is shared equally among 6 children.  
How many sweets does each child get?

- (1) 60
- (2) 48
- (3) 9
- (4) 8

8 What is the quotient when 596 is divided by 8?

- (1) 94
- (2) 74
- (3) 64
- (4) 4

- 9 At a funfair, Rani sold 257 cupcakes and had 148 cupcakes left. How many cupcakes did she have at first?

- (1) 111
- (2) 109
- (3) 395
- (4) 405

- 10 Joe saves \$635 in a month. How much does she save in 5 months?

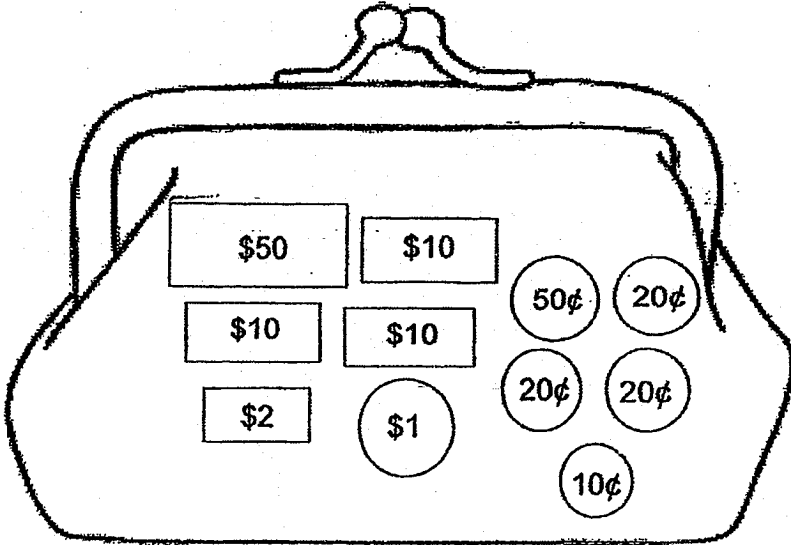
- (1) \$ 127
- (2) \$ 640
- (3) \$ 3155
- (4) \$ 3175

- 11 What is the missing number?

$$\$7.15 + \underline{\hspace{2cm}} = \$20$$

- (1) \$6.95
- (2) \$12.85
- (3) \$13.95
- (4) \$27.15

12 What is the amount of money shown in the purse?



- (1) \$84.20
- (2) \$93.20
- (3) \$120.83
- (4) \$121.82

13 A farmer had 1 741 eggs. 562 of the eggs were duck eggs. The rest were chicken eggs. How many more chicken eggs than duck eggs did he have?

- (1) 617
- (2) 1 179
- (3) 1 741
- (4) 2 303

14 What is the value of the  ?

$$\begin{array}{r}
 3 \quad 6 \quad \boxed{\text{heart}} \quad 9 \\
 + \quad 4 \quad 8 \quad 6 \quad 4 \\
 \hline
 8 \quad \boxed{\text{heart}} \quad 2 \quad 3 \\
 \hline
 \end{array}$$

- (1) 5
- (2) 6
- (3) 8
- (4) 4

15 When my number is divided by 3, I have a quotient of 15 and a remainder of 2.  
What number am I?

- (1) 7
- (2) 33
- (3) 43
- (4) 47

16 Nuha and Lily have 5,563 marbles altogether. After they gave away 123 marbles, Lily has 4 times as many marbles as Nuha. How many marbles does Nuha have now?

- (1) 1,088
- (2) 1,360
- (3) 1,422
- (4) 2,720

# METHODIST GIRLS' SCHOOL (PRIMARY)

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## MID-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

### BOOKLET B

#### Total Time

Sections A to C: 1 hour 45 minutes

#### INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

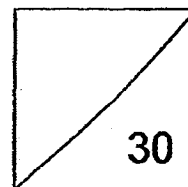
Follow all instructions carefully.

Answer all questions.

Name: \_\_\_\_\_ ( )

Class: Primary 3. \_\_\_\_\_

Date: 4 May 2018



This booklet consists of 9 printed pages including this page.

**Section B**

Questions 17 to 22 carry 1 mark each.

Questions 23 to 34 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 7,894 in words.

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18 What is the missing number in the pattern below?

999, 2 000, 3 001, \_\_\_\_\_, 5 003

Ans: \_\_\_\_\_

19  $6\,578 - 425 =$  \_\_\_\_\_

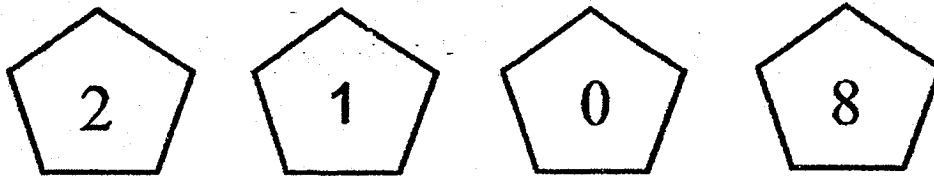
Ans: \_\_\_\_\_



20 In 2 496, the digit 9 is in the \_\_\_\_\_ place.

Ans: \_\_\_\_\_

21 Use all the digits below to form the smallest 4-digit odd number.



Ans: \_\_\_\_\_

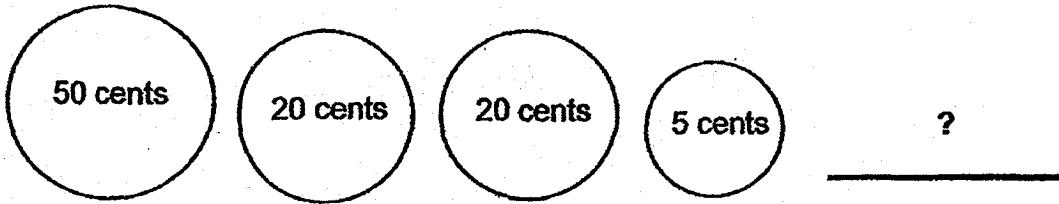
22 Study the pattern below. Circle the number that is wrongly placed in this pattern.

8, 16, 24, 30, 40, 48, 56

23 Mingli packed 239 sweets in bags of 7. How many sweets are left unpacked?

Ans: \_\_\_\_\_

- 24 Alice has 5 coins in her pocket shown below. The total value of the coins is \$1.15. What is the value of the fifth coin?



Ans: \_\_\_\_\_ cents

- 25 Jane is 12 years old. Her cousin is twice her age. How old is her cousin in 8 years' time?

Ans: \_\_\_\_\_

- 26 Factory A, B and C made a total of 659 toys. Factory A and B made 447 toys. Factory B and C made 335 toys. How many toys did Factory B make?

Ans: \_\_\_\_\_

- 27 A certain number of marbles is shared equally among a group of 7 pupils and each pupil received 8 marbles.  
The same number of marbles is shared equally among a second group of pupils and each pupil received 4 marbles.  
How many pupils are there in the second group?

Ans: \_\_\_\_\_

$$28 \quad \heartsuit + \heartsuit + \heartsuit + \heartsuit + \heartsuit = 25$$

$$\smile + \heartsuit + \heartsuit + \heartsuit = 24$$

What is the value of  $\smile$  ?

Ans: \_\_\_\_\_

- 29 Gina had some money at first. She bought a bag for \$861 and gave the rest of her money equally to her 3 children. Each child received \$56. How much money did Gina have at first?

Ans: \$ \_\_\_\_\_

30  $5 \times \boxed{\phantom{00}} = 6 \times 75$

What is the missing number in the box?

Ans: \_\_\_\_\_




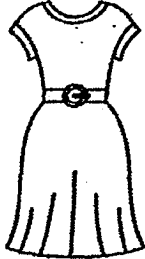
- 31 Sally has 2 074. Mary has 1 596 more stickers than Sally. How many stickers does Mary have?

Ans: \_\_\_\_\_

- 32 Nina bakes 6 702 muffins for a charity fair. She packs them into boxes. Each box can hold 8 muffins. How many boxes does she need to pack all her muffins?

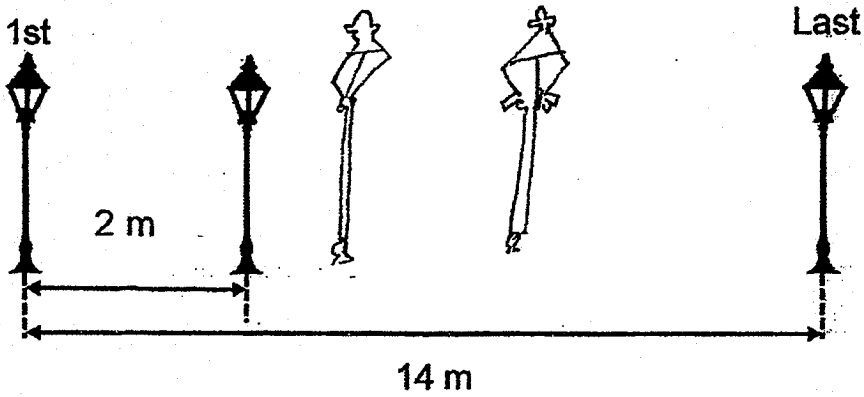
Ans: \_\_\_\_\_

- 33 Mrs Lim has \$27. She wants to buy 2 different items from the departmental store. Name the two items that she can buy with the money she has.

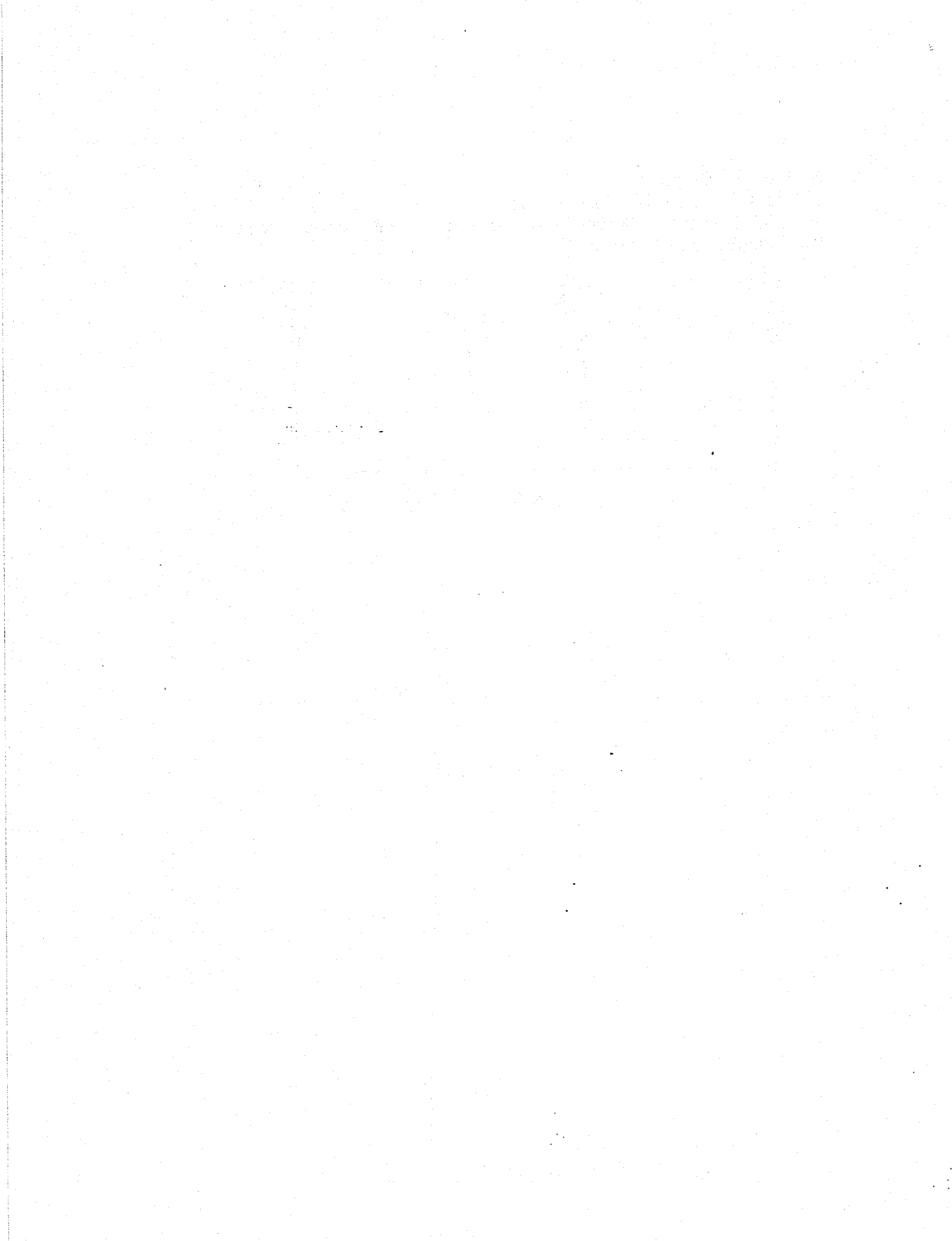
			
<b>Blouse</b> <b>\$16.80</b>	<b>Shorts</b> <b>\$15.70</b>	<b>Cap</b> <b>\$10.50.</b>	<b>Dress</b> <b>\$18.20</b>

Ans: \_\_\_\_\_ and \_\_\_\_\_

- 34 Study the picture below.  
It shows lamp posts placed at 2 m apart.  
The total distance from the first lamp post to the last lamp post is 14 m apart.  
How many lamp posts are there?



Ans: \_\_\_\_\_





# METHODIST GIRLS' SCHOOL (PRIMARY)

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## MID-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

(BOOKLET C)

### Total Time

Sections A to C: 1 hour 45 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: 4 May 2018

<b>Booklet A</b>	<b>/ 28</b>
<b>Booklet B</b>	<b>/ 30</b>
<b>Booklet C</b>	<b>/ 22</b>
<b>TOTAL</b>	<b>/ 80</b>

Parent's Signature: \_\_\_\_\_

This booklet consists of 7 printed pages including this page

**Section C**

For questions 35 to 40, 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)

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35 There are 2 004 boys in a school. There are 179 more boys than girls.

- a) How many girls are there in the school?
- b) How many children are there in the school?

Ans: a) \_\_\_\_\_ [1]

b) \_\_\_\_\_ [2]

- 36 There were 4 classes going on a learning journey. Each class had 35 pupils. One adult accompanied every 10 pupils. What is the least number of adults needed for the learning journey?

Ans: \_\_\_\_\_ [3]

- 37 Mr Wong and Mr Tan sold a total of 972 fishballs. Mr Wong sold 372 fewer fishballs than Mr Tan. How many fishballs did Mr Wong sell?

Ans: \_\_\_\_\_ [4]

38 At first, Dawn had \$541 more than Jim. After Dawn bought a mobile phone, she had \$98 less than Jim.

a) What is the cost of the mobile phone?

b) Jim had \$99.90, how much money had Dawn left?

Ans: a) \_\_\_\_\_ [2]

b) \_\_\_\_\_ [2]

- 39** A total of 72 pears and apples are placed equally into 8 baskets. There are 4 pears in each basket. How many apples are there altogether?

Ans: \_\_\_\_\_ [4]

- 40 A florist sold 3 types of flowers. She sold 3 times as many tulips as roses. She sold 40 more sunflowers than roses. She sold a total of 590 flowers altogether. How many roses did she sell?

Ans: \_\_\_\_\_ [4]





SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2018 SA1

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Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	2	1	4	3	2	4	4
Q 11	Q12	Q13	Q14	Q15	Q16				
2	1	1	1	4	1				

Q17)	Seven thousand, eight hundred and ninety four.
Q18)	4002
Q19)	6153
Q20)	Tens
Q21)	2081
Q22)	30
Q23)	$239 \div 7 = 34 \text{ R } 1$ (Ans: 1)
Q24)	20 cents
Q25)	Age diff $\rightarrow$ 1 unit = 12 years old Sister $\rightarrow 12 \times 2 = 24$ Age now $\rightarrow 24 + 8 = 32$
Q26)	$447 + 335 = 782$ $782 - 659 = 123$
Q27)	$7 \times 8 = 56$ $56 \div 4 = 14$
Q28)	$25 \div 5 = 5$ $5 \times 3 = 15$ $24 - 15 = 9$
Q29)	$3 \times 56 = 168$

	$168 + 861 = \mathbf{\$1029}$
Q30)	$6 \times 75 = 450$ $450 \div 5 = \mathbf{90}$
Q31)	$2074 + 1596 = \mathbf{3670}$
Q32)	$6702 \div 8 = 837 \text{ R } 6$ $837 + 1 = \mathbf{838}$
Q33)	<b>Shorts and Cap</b>
Q34)	$14 \div 2 = 7$ $7 + 1 = \mathbf{8}$
Q35)	a) $2004 - 179 = \mathbf{1825}$ b) $2004 + 1825 = \mathbf{3829}$
Q36)	$4 \times 35 = 140$ $140 \div 10 = \mathbf{14}$
Q37)	$972 - 372 = 600$ $600 \div 2 = \mathbf{300}$
Q38)	a) $541 + 98 = \mathbf{639}$ b) $\$99.90 - \$1.90 = \mathbf{\$1.90}$
Q39)	$8 \times 4 = 32$ $72 - 32 = \mathbf{40}$
Q40)	$590 - 49 = 550$ $550 \div 5 = \mathbf{110}$