

Subject Code : S-2039
--

Subject : Everyday Mathematics (E) (CWSN)
--

HOLLOW CRAFT STICKER

SEAT NO.	BAR CODE
----------	----------

Centre :

Seat No. (in fig.).....

(in words).....

.....

Candidate's Signature :.....

Supervisor's Signature with date :.....

Subject Code	S-2039
Subject	Everyday Mathematics (E) (CWSN)
Date	2024-06-26

FOR OFFICE USE

Subject Code	
Subject	
Date	
Main Answer Book = 1	
Specific remarks of centre conductor regarding malpractices (in Red Ink)	

Examiner	Moderator	Chief Moderator
Total in Figures =	=	=
Total in Words		
Signature		
Apptt.No. :		

- Mobile Phones and other electronic gadgets are stricity prohibited inside the examination hall.
- Use of non-programmable calculator is allowed ONLY in some subjects.
- Writing in any form on the Hollow craft sticker and Bar code sticker is strictly prohibited.
- Only blue ink/ball pen is to be used for writing the answers. Black lead pencil may be used for drawing figures, diagrams and graphs. Use of any other colour pencil/pen is strictly prohibited.
- Disclosing of identify on the answer book (except in the space provided) in any form is strictly prohibited.
- Candidate should check that the printed seat number is correct and verify that the answer book has all pages serially numbered before filling all other details.

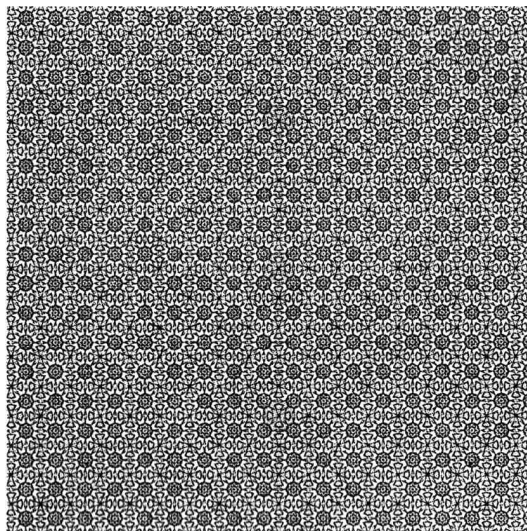
INSTRUCTIONS TO CANDIDATES

The Candidate shall

1. Produce the admission card on demand to competent authorities during the examination.
2. Enter the seat number and other particulars in the space provided on every main answer book and supplement.
3. Verify that the Block Supervisor has signed in the appropriate space on the main answer book and also the supplements.
4. Not be allowed to leave the examination hall during the first ONE HOUR and also the last TEN minutes of the examination.
5. Not damage/scribble the seat no./ barcode sticker.
6. Not indulge in any malpractice like.
 - Carrying written material into the examination hall.
 - Communicating in any manner with other candidates in the examination hall.
 - Passing slips of paper, answer book or supplements to other candidates.
 - Impersonating another candidates.
 - Attaching currency notes to the answer books.
 - Copying from another candidate or vice versa.
 - Leaving the examination hall without submitting answer book to the supervisor.
 - Using of coloured thread to tie answer books.
7. Abide by the rules of dicipline.
8. Stop writing on the answer book after the ringing of the final bell.
9. Stick the hollow craft sticker on the main answer book as well as on the supplement after the final bell.
10. Not leave the seat till all answer books are collected and counted by the supervisor.

NOTE :

Candidate shall be liable for penalty imposed by the board for the violation of any or all of the above clauses.



Pg No.	Examiner	Moderator	Chief Moderator
03			
04 & 05			
06 & 07			
08 & 09			
10 & 11			
12 & 13			
14 & 15			
16 & 17			
18 & 19			
20 & 21			
22 & 23			
TOTAL			
Total in words			
Apptt. No.			
Sign			
Verification			

2024 VI 26

02:00

Marks	E	M	CM	3
Pg. 3				

Time : 3 Hours

EVERYDAY MATHEMATICS (E)
(CWSN)

Subject Code

S	2	0	3	9
---	---	---	---	---

Total No. of Questions 73 (Printed Pages : 23) Maximum Marks : 70

- INSTRUCTIONS :**
- (i) All questions are compulsory.
 - (ii) Internal options are provided for some questions. Section C, D and F have an option between 2 sets. of questions.
 - (iii) Questions are not to be copied on the answer sheet.
Answers should be correctly numbered.
 - (iv) All rough work to be done on the answer paper.
 - (v) Figures to the right indicate full marks.

Section-A

1. The amount in words for 42, 30, 099 is _____. $\frac{1}{2}$
- Forty two crores thirty thousand and ninety nine.
 - Forty two lakhs three thousand and ninety nine.
 - Forty two lakhs thirty thousand and ninety nine.
 - Forty two thousand three hundred and ninety nine.

-
2. Half of one crore is _____. ½
- Fifty lakhs
 - Five lakhs
 - Fifty thousand
 - Five thousand
3. Mr. Naik's salary is Rs. 65,000 per month. He spends Rs. 30,000 every month. How much will be the amount saved in 1 year ? 2
4. Neena can bake 54 cakes in 6 hours. How many cakes can she bake in 1 hour ? 2
5. Answer any *one* of the following : 2
- A 100 gm pack of biscuit cost Rs. 40 but a 200 gm pack costs Rs. 70. Find how much of money can be saved by buying the 200 gm pack of biscuit.

OR

A juice packet was packed on 14th July 2023. The best before date is after 6 months. What is the best before date ?

A cough syrup bottle contains 50 ml syrup. The doctor has prescribed 5 ml of it for baby Nora twice a day for 10 days. Answer questions 6 and 7 based on this data.

6. How many days will one bottle last ? 2
7. How many bottles of syrup will be needed for the entire treatment ? 2

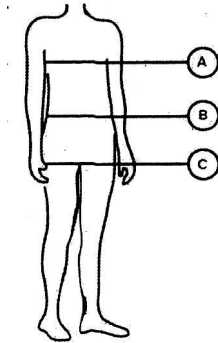
A doctor has prescribed multivitamin tablet for Nikhil to be taken thrice a day. The cost of each tablet is Rs. 5. Answer questions 8 and 9 based on this data.

Marks	E	M	CM
Pg. 4 & 5			

5

8. How many tablets should his mother buy to last for 30 days ? 1
9. Find the total bill for the entire course of tablets to be paid. 1
10. In the given picture; measurement of chest is shown by _____. $\frac{1}{2}$

- A
- B
- C



11. To measure human body temperature, _____ thermometer is used. $\frac{1}{2}$
- Alcohol
 - Laboratory
 - Clinical
 - Rain gauge
12. A jean size of 90 cm is _____ in inches. $\frac{1}{2}$
- 34
 - 90
 - 36
 - 180

13. The odometer reading in the following picture is _____ km. $\frac{1}{2}$

- 6884
- 144969
- 1150
- 200



14. Answer any *one* of the following : 2

A rain gauge measured the rain on 10th July as 22 cm, 11th July as 19 cm, 12th July as 20 cm and 13th July as 18 cm.

Find the total rainfall for these *four* days.

OR

The car odometer reading at the start of the trip was 138296 km and at the end of the trip was 138594 km. Find the distance travelled for the trip.

15. Answer any *one* of the following : 2

A bus travels a distance of 123 km in 3 hours. Find the average speed of the bus.

Marks	E	M	CM	7
Pg. 6 & 7				

OR

A bus travelled from Goa to Mumbai at an average speed of 35 km per hour. The distance from Goa to Mumbai is 595 km. Find how much time will the bus take to reach Mumbai.

16. Nikita's bike gives a mileage of 16 km per litre of petrol. If the bike tank is filled with 8 litres of petrol; how many kilometer will it travel before the tank becomes empty ? 2

Section-B

17. Chairs are mostly sold in _____. $\frac{1}{2}$
- metre
 - centimetre
 - millimetre
 - Numbers
18. 1 litre of petrol cost Rs. 100, so the cost of 2 litre of petrol is Rs. _____. $\frac{1}{2}$
- 100
 - 50
 - 200
 - 1000
19. The price of a pair of shoes was Rs. 1850 but it was sold at a discount of 20%. So the customer has to pay Rs. _____. $\frac{1}{2}$
- 1800
 - 2220
 - 1480
 - 370

20. Mona did shopping worth of Rs. 1966. She gave a note of Rs. 2000 to the shopkeeper. So the change she should get back is Rs. _____. $\frac{1}{2}$

- 34
- 66
- 1966
- 2000

Mary purchased 4.5 m of dress material for her daughter. The tailor said 3.5 m of dress material is enough to stitch the dress. The selling price of material is Rs. 750 per metre. Answer questions 21 and 22 based on this data.

21. How much amount is spend by Mary to buy 4.5 m of dress material ? 1
22. How many meters of dress material will be left after stitching ? 2
23. Mukesh wants to paint the walls of his bedroom. The measurements of the room are 4.2 m (length) $\times$ 4 m (breadth) $\times$ 4.6 m (height). Calculate the total area of all four walls. 3
24. In the following clock picture; read the time in hours, minutes and seconds. Express in figures and words. 1



Marks	E	M	CM	9
Pg. 8 & 9				

25. 2 minutes = _____ seconds. 1
- 60
 - 20
 - 120
 - 250
26. Romila completes her homework in 45 minutes. If Neena takes $\frac{3}{5}$ th the time Romila takes; find how much time Neena will take to complete her homework ? 2

Section-C

Answer only one set of questions from 27 to 32 in this section.

Complete the following bill and answer the questions from 27 to 32 based on this data in your answer sheet.

(Do not copy the table)

Items	Unit Rate Rs.	Quantity	Amount
Comb	35	—	175
Talcum Powder	150	1	—
Perfume	1250	2	2500
Face wash	85	3	255
Total			3080

27. What is the unit rate of face wash ? $\frac{1}{2}$
28. What is the amount paid for face wash ? $\frac{1}{2}$

-
29. What is the unit rate of comb ? $\frac{1}{2}$
30. What is the total bill amount ? $\frac{1}{2}$
31. What is the quantity of combs ? 1
32. What is the amount paid for Talcum powder. 1

OR

Refer the following table to answer the questions numbered 27 to 32.

Students	English Max. 50	Hindi Max. 50	Mathematics Max. 50	Science Max. 50	Social Studies Max. 50
Rohan	30	34	32	39	40
Nikhil	45	43	46	42	44
Harsh	19	24	23	20	22
Krish	28	33	36	35	38

27. How many marks did Rohan get in Science ? $\frac{1}{2}$
28. What were Harsh's marks in English ? $\frac{1}{2}$
29. Who obtained the highest marks in Hindi ? $\frac{1}{2}$
30. Who obtained the lowest marks in social studies ? $\frac{1}{2}$
31. What are Krish's total marks in all 5 subjects ? 1
32. Among Rohan and Harsh, who has score better marks in Mathematics ? 1

Section D

Answer only one set of questions from 33 to 36 in this section :

The following data shows the games played by students. Refer the data, answer the questions from 33 to 36.

Cricket, Football, Basketball, Cricket, Chess, Cricket, Football, Basketball, Cricket, Chess, Cricket, Football, Basketball, Cricket, Chess, Cricket, Chess, Basketball, Cricket, Chess, Cricket, Chess, Cricket, Football, Basketball, Chess, Cricket, Cricket, Chess, Cricket.

- | | | |
|-----|--|---|
| 33. | Prepare a tally marks table. | 1 |
| 34. | Fill and complete the table correctly. | 3 |
| 35. | Which game was played the most ? | 1 |
| 36. | Which game was played the least ? | 1 |

OR

Data of ice-cream flavours liked by children along with number of children is given. Complete the table and write the answers in your answer sheet. Prepare a pie chart. Do not copy the table.

Ice-cream Flavours	Children that like	Degrees
Vanilla	12	
Strawberry	18	
Butterscotch	10	
Total		

-
- | | | |
|-----|---|---|
| 33. | Find the total number of children. | 1 |
| 34. | Calculate the degrees of angles in your answer sheet. | 3 |
| 35. | Construct the pie chart. | 1 |
| 36. | Label the parts of the pie chart correctly. | 1 |

Section-E

37. A chart that represents data using basis of different heights is called _____graph. 1/2
- line
 - pie
 - bar
 - tally marks
38. Mean is also called _____. 1/2
- total
 - minimum
 - maximum
 - average
39. The mode of the data set 36, 42, 40, 43, 36, 40, 36 is _____. 1/2
- 40
 - 42
 - 36
 - 43

Marks Pg. 12 & 13	E	M	CM	13

-
40. The range of the data set 40, 58, 32, 43, 19 is _____. $\frac{1}{2}$
- 40
 - 39
 - 58
 - 19
41. The minimum amount required to be deposited in a PPF account in one financial year is Rs. _____. $\frac{1}{2}$
- 1000
 - 50
 - 250
 - 500
42. In India, a financial year starts on _____. $\frac{1}{2}$
- 1st January
 - 31st December
 - 1st April
 - 31st March
43. Additional taxes paid by very rich people are called _____. $\frac{1}{2}$
- Additional surcharge
 - Education cess
 - Payment
 - Income

44. The maturity period for National Saving certificate is _____ years. $\frac{1}{2}$

- 1 and 5
- 7 and 14
- 10 and 15
- 5 and 10

45. State any *two* advantages of systematic investment plan. 2

46. Pankaj invested Rs. 15,000 in shares of Sunshine Pvt. Ltd. After 1 month, he got Rs. 13,450. How much was his loss ? 2

Mrs. Braganza has an annual income of Rs. 6,50,000. She has invested Rs. 50,000 in PPF and Rs. 50,000 in EPF. Fill in the blanks of her tax statement given below and calculate her tax payable. Complete the following calculations and answer the questions from 47 to 50.

(Do not copy the table).

(Tax slab : 2.5 to 5 lakhs = 5%)

Annual Income	6,50,000
Less Std Deduction	– 2,50,000
Taxable income	
Less Investment 50,000 + 50,000	Less
Taxable Income after investment	
Tax slab : 5% of 2.5 to 5 lakh	
Income Tax = 5% of taxable income after investment	

Marks	E	M	CM	15
Pg. 14 & 15				

-
47. The taxable income is Rs. _____ $\frac{1}{2}$
48. The investment is Rs. _____ $\frac{1}{2}$
49. The taxable income after investment is Rs. _____. $\frac{1}{2}$
50. The income tax amount to be paid is Rs. _____. $\frac{1}{2}$
51. A formal request to an insurance company for compensation for a financial loss that has been insured is known as _____. $\frac{1}{2}$
- Premium
 - Bonus
 - Life cover
 - Claim
52. The insurance that helps for treatment and diagnosis expenditure is called _____ insurance. $\frac{1}{2}$
- vehicle
 - health
 - crop
 - house
53. The only public sector life insurance company of India is _____. $\frac{1}{2}$
- Max Life
 - LIC
 - Bajaj Allianz
 - Birla Sun Life

-
54. The insurance mandatory in India is _____ insurance. $\frac{1}{2}$
- Child
 - Life
 - Property
 - Vehicle
55. Bonus is given because of the _____ made by the insurance company. $\frac{1}{2}$
- Profit
 - Loss
 - Expenses
 - Debt
56. The person who claims compensation for his damaged vehicle in a road accident is called _____. $\frac{1}{2}$
- First party
 - Second party
 - Third party
 - Fourth party

Komal runs a juice centre at Panaji. Her income and expenditure is given below :

Expenditure Rs.		Income Rs.
Glasses and Jars	2,500	15,420
Fruits	1,200	
Juicer equipments	800	
Shop rent	8,000	
Electricity	3,450	
Total		

Marks	E	M	CM	17
Pg. 16 & 17				

57. Which is the biggest expense ? ½
58. What is the cost of juicer equipments ? ½
59. Calculate the total expenditure. 1
60. What is the loss ? 1

Section-F

In this section, answer only one set of questions from 61 to 64.

Mr. Prashant has a budget for upto Rs. 500 for fruits shopping for a week.

He needs to buy 3 fruits given below :

Sr. No.	Items	Rate per kg (Rs.)	Quantity required kg	Total Cost
1	Apple	180		
2	Banana	70		
3	Grapes	80		
Total				

61. Complete the budget table for the fruits. (rates per kg are given) 1
62. Total cost of Bananas _____ ½
63. Quantity required of grapes _____. ½
64. Total amount to pay for fruits _____. 1

OR

Faheed's mother had given him Rs. 3000 for a month of school expenses of stationery items, snacks, bus fare, internet.

Sr. No.	Expense head	Amount in Rupees
1	Stationery items	
2	Snacks	
3	Bus fare	
4	Internet	
	Total	

61. Prepare the budget table for Faheed in your answer sheet. $\frac{1}{2}$
62. Write appropriate amounts for each expense head. 1
63. Calculate the total expenses. $\frac{1}{2}$
64. How much money can Faheed save after the expense ? 1

Marks	E	M	CM
Pg. 18 & 19			

19

Section-G

65. Road to health graph indicates growth and _____ of children from birth to three years in India. 1/2

- age
- weight
- height
- development

66. The sum of all the angles of a triangle is _____. 1/2

- 360°
- 180°
- 90°
- 100°

67. Attempt any *one* of the following and state the measurement : 2

Construct $\triangle XYZ$ with $XY = 5.2$ cm $YZ = 6$ cm, $ZX = 6.5$ cm, measure $\angle Y$.

OR

Construct $\triangle WIN$ where $WI = 4.5$ cm, $IN = 5.5$ cm, $\angle I = 70^\circ$, Measure length of WN .

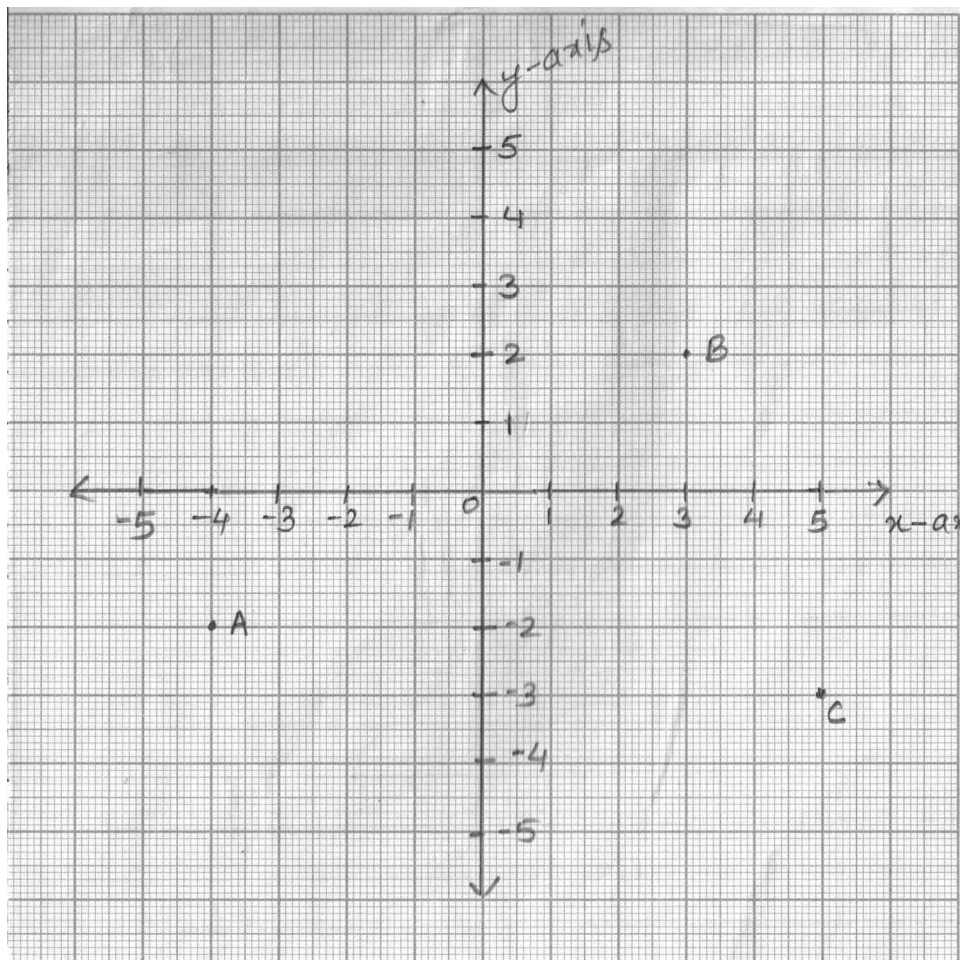
68. In $\triangle POT$, $\angle O = 50^\circ$, $\angle T = 70^\circ$.

Find the measure of $\angle P$.

1

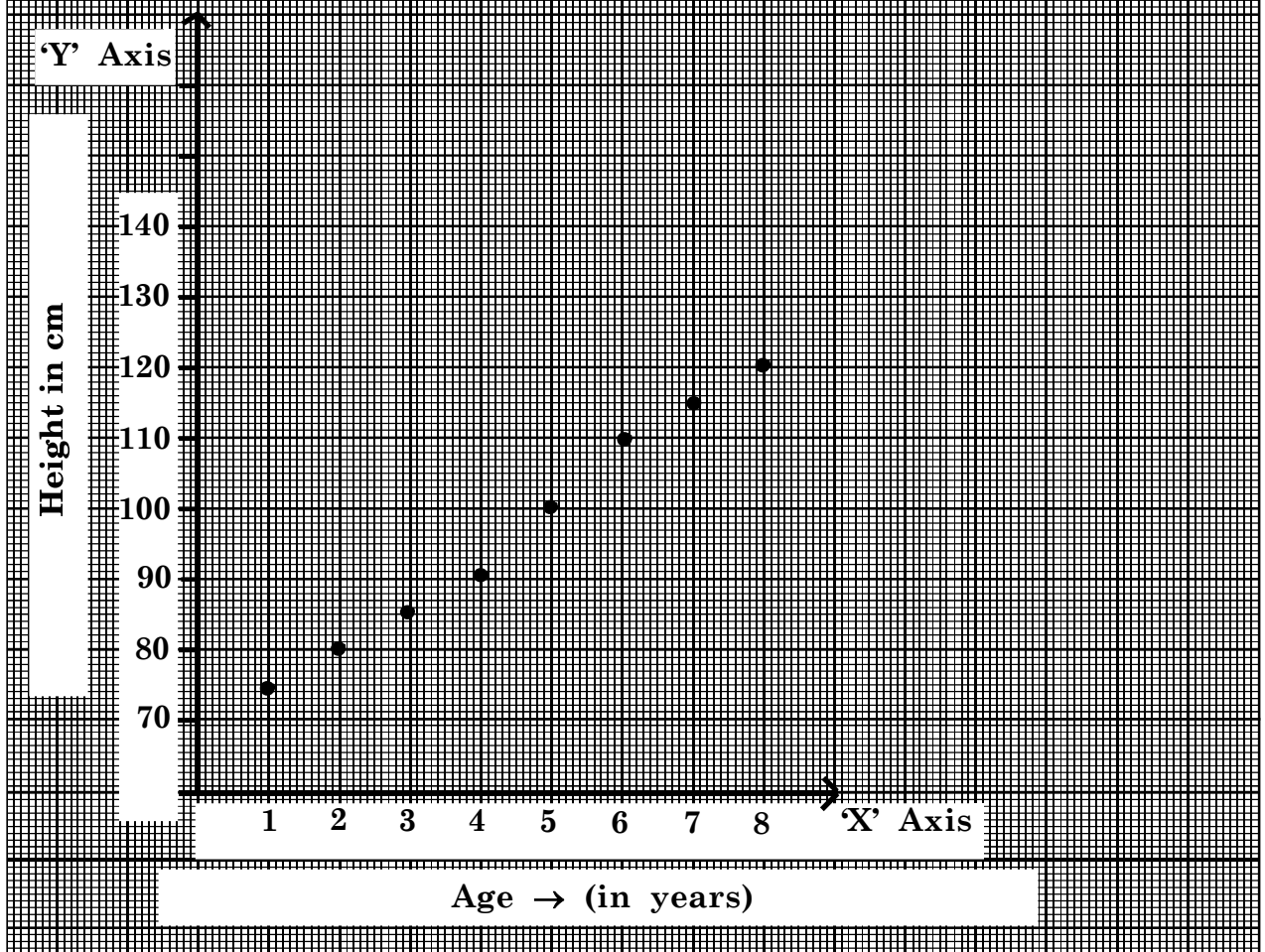
69. In the given graph, write the coordinates of point A.

1



Marks	E	M	CM
Pg. 20 & 21			

With reference to the Arya's growth chart answer the following questions from 70 to 73.



70. What was the age of Arya when she was 80 cm ? 1/2
71. What was Arya's height at 5 years of age ? 1/2
72. What was Arya's increase in height from 6 years to 8 years. 1
73. Is Arya's height increasing with the increase in age ? What was her height at the age of 4 years ? 1

