

# (Olympiad Champs Question)

## Decimals

### Multiple Choice Questions

#### CHALLENGE A

1. Find the decimal number for "one and four tenths".  
(a) 14.0                      (b) 1.4  
(c) 0.14                      (d) 140.0
2. Find the decimal number for "Sixty Seven and Twenty Three One-Hundredths".  
(a) 67.23                      (b) 6.723  
(c) 0.6723                      (d) 6723.0
3. Find the decimal number for "Twenty Three Fiftieths".  
(a) 0.23                      (b) 0.46  
(c) 2.3                      (d) 4.6
4. Find the decimal number for "Seven Twenty Fifths".  
(a) 0.7                      (b) 7.0  
(c) 0.28                      (d) 0.7
5. Find the decimal number for " $2\frac{1}{2}$ ".  
(a) 21  
(b) 2  
(c) 2.5  
(d) 0.25
6. Find the decimal number for "12.78" rounded to the nearest tenth.  
(a) 12.8                      (b) 12.7  
(c) 12.79                      (d) 13.0
7. Find the decimal number for "3.8439" rounded to the nearest hundredth.  
(a) 3.84                      (b) 3.844  
(c) 3.843                      (d) 3.85
8. Round 12.6257 to three decimal places.  
(a) 12.6                      (b) 12.626  
(c) 12.625                      (d) 12.63
9. Round 106.5 to the nearest whole number.  
(a) 100                      (b) 106  
(c) 107                      (d) 110
10. Find the round 239.456 to the nearest hundred.  
(a) 200                      (b) 300  
(c) 239.45                      (d) 239.46
11. Diana sells 12 garlands for Rs. 12.12. What is the cost of each garland?  
(a) 1.01                      (b) 1.1  
(c) 1.0                      (d) 0.11
12. If 58 out of 100 students in a school are boys, then write a decimal for the part of school that consists of boys.  
(a) 0.5d                      (b) 0.58  
(c) 58                      (d) 59

13.  $502\frac{12}{100}$  if expressed as decimals can be

written as:

- (a) 502.012                      (b) 502.12  
(c) 50.212                      (d) 5021.2

14. 9.471 if expressed as fraction can be written as;

- (a)  $\frac{471}{1000}$                       (b)  $9\frac{471}{1000}$   
(c)  $9\frac{471}{100}$                       (d)  $900\frac{471}{10}$

15.  $929.5 \div 100$  is

- (a) 92.95                      (b) 929.5  
(c) 929.05                      (d) 9.295

16.  $2.1143 \times 10$  is

- (a) 0.21143                      (b) 21.143  
(c) 2114.3                      (d) 2.11430

17.  $2000 + 200 + 20 + 2 + \frac{2}{10} + \frac{2}{100} + \frac{2}{1000} + \frac{2}{10000} =$

- (a) 222222.22                      (b) 2222.2222  
(c) 2222.2000                      (d) 22222.222

18.  $500.5 \times \underline{\hspace{1cm}} = 5005$

- (a) 10                      (b) 100  
(c) 1000                      (d) 10000

19.  $727.111 \div \underline{\hspace{1cm}} = 7.27111$

- (a) 10                      (b) 100  
(c) 1000                      (d) 10000

20.  $3.95 \underline{\hspace{1cm}} \frac{395}{100}$

- (a) >                      (b) <  
(c) =                      (d) None

### CHALLENGE B

21. Rounding off 9.19 to one decimal place will give

- (a) 9.20                      (b) 9.00  
(c) 9.10                      (d) 10.00

22. A baker buys 5 kg of flour and 3.5 kg of sugar for the cake and uses 2.25 kg of flour and .75 kg of sugar in the cake. What is the amount of flour and sugar left with him.

- (a) 2.75 kg, 0.75 kg  
(b) 2.25 kg, 1.75 kg  
(c) 2.25 kg, 0.75 kg  
(d) 2.75 kg, 1.75 kg

23. The rainfall in a city an first 5 days of a month was 1.27 cm, 3.25 cm, 2.79 cm, 2.57 cm and 1.37 cm. How much did it rain altogether?

- (a) 11.25cm                      (b) 9.98cm  
(c) 11.00cm                      (d) 11.98cm

24. A tailor takes 2.5 m of cloth for making a curtain. He received an order of making 25 curtains from Mrs. Radha puri. How much cloth will he require to fulfill the order?

- (a) 62.50m                      (b) 65m  
(c) 51m                      (d) 625.50m

- 25.** Rewrite the following in the decimal form of the given unit 8335 g into kg.  
 (a) 8.335kg (b) 83.35 kg  
 (c) 833.5kg (d) 0.8335kg
- 26.** Rewrite the following in the decimal form of the given unit 790 m into km.  
 (a) 79km (b) 7.90km  
 (c) 7900 km (d) 0.79km
- 27.** Rewrite the following in the decimal form of the given unit 92 mm into cm.  
 (a) 0.92cm (b) 9.2cm  
 (c) 920cm (d) 0.092cm
- 28.** Rewrite the following in the decimal form of the given unit 7 ml into litre.  
 (a) 0.007 litre (b) 0.07 litre  
 (c) 0.7 litre (d) 70 litre
- 29.** Rewrite the following in the decimal form of the given unit 29 cm into mm.  
 (a) 2.90mm (b) 0.29mm  
 (c) 290mm (d) 29000mm
- 30.** The difference of 325.312 and 253.175 is:  
 (a) 72.003 (b) 72.137  
 (c) 72.130 (d) 72.107
- 31.** The product of 982.311 and 2.43 is:  
 (a) 2387.0133 (b) 2387.01000  
 (c) 2387.0573 (d) 2387.01573
- 32.** Dividing 145.208 by 0.25.  
 (a) 580.832 (b) 58.0832  
 (c) 5808.32 (d) 588.32
- 33.** Divya spends 1.23 hours for English reading, 1.40 hours for Math and 0.39 hours for Science. How many hours does she spend on studying?  
 (a) 3.02 (b) 3.0  
 (c) 302.0 (d) 0.32
- 34.** Anshi bought cosmetic items which cost Rs. 78.60 in total. She gave Rs. 100 to the shop keeper. How much does she receive as change?  
 (a) 21 (b) 21.40  
 (c) 20.40 (d) 214.0
- 35.** Riya scored 56.73 points and Asha scored 74.92 points in a University exam. How many points less did Riya score than Asha?  
 (a) 1.8 (b) 18.19  
 (c) 18.10 (d) 18.00
- 36.** A broken scale is used to measure the height of the plant. The length of the broken scale is 12 cm. The height of the plant is 10.50 times greater than the broken scale. What is the height of the plant?  
 (a) 126.0 (b) 125.5  
 (c) 126.55 (d) 1.2650

- 37.** Fill the output column in the table below with the equivalent fraction by choosing the correct option.

Input	Output
<b>0.28</b>	?
<b>14.50</b>	?
<b>07.80</b>	?
<b>75.75</b>	?

- (a)  $7/25, 14\frac{1}{2}, 74/5, 75\frac{3}{4}$   
 (b)  $28/100, 14, 7.8, 75\frac{3}{4}$   
 (c)  $7/25, 14\frac{1}{2}, 7.75$   
 (d)  $7, 14, 7.75$

- 38.** Fill the output column in the table below by rounding the given decimal number till 3 digits.

Input	Output
3.14159	?
134.9	?
1.239	?
0.065	?

- (a) 3.14, 134, 1.239, 0  
 (b) 3.14, 135, 1.24, 0.0165  
 (c) 3.14, 134, 1.2, 0.016  
 (d) 3.14.135, 1.239, 0.016

- 39.** The sum  $0.25 + 0.375 = 0.625$  can be expressed using fractions as:

- (a)  $1/4 + 3/8 = 5/8$   
 (b)  $1/4 + 3/8 = 4/12$   
 (c)  $1/4 + 3/16 = 5/16$   
 (d)  $1/25 + 3/75 = 6/25$

- 40.** Find the greatest decimal from the following decimals 0.206.2.06, 0.0206, 0.26.

- (a) 2.06 (b) 0.206  
 (c) 0.0206 (d) 0.26

- 41.** Which of the following decimal numbers is the least?

- 1.305. 1.35, 1.053, 1.53  
 (a) 1.305 (b) 1.35  
 (c) 1.053 (d) 1.53

- 42.** Ekta has? 90. She wants to buy the following items:

A DVD player for Rs. 49.95, a DVD holder for? 19.95 and a personal stereo for Rs. 21.95. How many items Ekto can buy with the money she has?

- (a) All three  
 (b) Any two  
 (c) Any One  
 (d) None

- 43.** If  $A = 2.5$ .  $B = 4.5$ .  $C = 1.25$  then value of  $7A + 5B$  is

- (a) 22.5  
 (b) 17.5  
 (c) 40  
 (d) 39.8

44. Study the table of distances.

To/From	A	B	C
P	40.18km	24.5km	6.8 km
Q	52.32 km	19.7 km	11.8 km
Q	7.9km	10.12km	5.6km

Which of the following distance is greater?

- (a) A to R                      (b) A to P  
(c) C to R                      (d) B to Q
45. Consider the following statements and choose the correct option.  
Statement A: When a decimal number is multiplied by 10, the decimal point moves to the right by one place.  
Statement B.: When a decimal number is multiplied by 1000, the decimal point moves to the right by three places.  
(a) Statement A is false and B is true.  
(b) Both statements are true.  
(c) Statement A is true and B is false.  
(d) Both statements are false.
46. Which of the following is correct?  
(a) to divide a decimal number by 10, shift the decimal point to the left by one place.  
(b) to divide by 100, shift the decimal point to the left by two places.  
(c) to divide by 1000, shift the decimal point to the left by three places.  
(d) All above are true.

47. Which one of the following digit will come in the extreme right to the sum

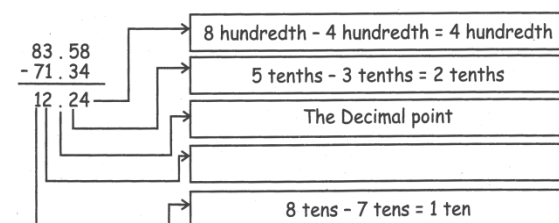
$$4.235 + 56.230 + 45 + 2.02 + 0.02316$$

- (a) 6                              (b) 8  
(c) 3                              (d) 0

48. Let  $P = 256.32$ ,  $Q = 456.321$  and  $R = 95.326$ . When Rahul adds two of the given decimals and subtracts third one from the sum he finds 295.327. Which one of the following is the correct expression for Rahul's work?

- (a)  $P+Q-R$                       (b)  $P+R-Q$   
(c)  $Q+R-P$                       (d)  $P-R+Q$

49. Given a step by step procedure of subtraction of two decimal numbers through a chart. Complete it by choosing the correct option.



- (a) 3 hundredth - 1 hundredth = 2 hundredth  
(b) 3 tenths - 1 tenths = 2 tenths  
(c) 3 ones - 1 one = 2 ones  
(d) cannot find

**Directions (Qs. 50 to 55):** Complete the paragraph for a number 94.58. 94 is \_\_\_\_ (50) \_\_\_\_ the decimal point and \_\_\_\_ (51) \_\_\_\_ is after the decimal point 94 is a whole number. It is called the

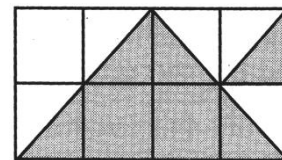
\_\_\_\_(52)\_\_\_\_ part. The digits after the \_\_\_\_ (53)\_\_\_\_ are not taken together. We do not say point fifty-eight, we say point \_\_\_\_ (54)\_\_\_\_. This is the decimal part or \_\_\_\_ (55)\_\_\_\_.

- 50.** (a) equal (b) after  
(c) before (d) none
- 51.** (a) 58 (b) 94  
(c) 45 (d) 5
- 52.** (a) fractional part (b) integral part  
(c) natural part (d) greater part
- 53.** (a) fractional part (b) decimal point  
(c) whole part (d) None
- 54.** (a) five (b) eight  
(c) five and eight (d) None
- 55.** (a) fractional part (b) fractional point  
(c) decimal point (d) integral part
- 56.** Reema went for shopping. She hired an auto to cover the distance of 5.5 km. If auto fair is Rs. 20 for the first 20 km distance and Rs. 6.50 for further each 1 km then how much amount she gave to the autodriver?  
(a) 26.50  
(b) 40.25  
(c) 49.25  
(d) 48

- 57.** Smallest number in the row 31.21, 31.12, 311.2, 3.112 is  
(a) 31.21 (b) 31.12  
(c) 311.2 (d) 3.112

- 58.** Highest number in the row 9.03, 9.33, 9.39, 9.09 is  
(a) 9.03 (b) 9.33  
(c) 9.39 (d) 9.09

- 59.** Which of the following decimal numbers can represent shaded portion in the given figure?



- (a) 7 (b) 4  
(c) 4.5 (d) 5
- 60.** Which of the following decimal numbers can represent shaded portion in the given figure?  
(a) 0.50 (b) 0.75  
(c) 1.0 (d) 0.625
- 61.** The cost of 1 metre of wire is Rs. 5.50. Find the cost of 42.4 m of wire.  
(a) Rs. 210.00 (b) Rs.2332.00  
(c) Rs.23.32 (d) Rs.233, 20
- 62.** A tailor used 62.78 metres of red ribbon, 93.22 metres of blue ribbon, 59.10 metres of yellow ribbon in a dress. What is the total length of ribbon used by the tailor in the

dress? If the cost of ribbon is 2.50/metre, what is the cost of ribbon used in the dress?

- (a) 215.10 m +, Rs. 537.75
- (b) 215.22 m +, Rs. 537.00
- (c) 215.22 m+, Rs. 537.50
- (d) 215.10 m +, Rs. 537.25

**63.** A cake weighing 3.5 kg was divided among 40 guests in a birthday party. What will be the share of each person?

- (a) 0.875 kg                      (b) 0.0875 kg
- (c) 8.75 kg                      (d) 0.00875 kg

**64.** A shopkeeper buys 30 toy cars of Rs.112.12 each and gets a discount of Rs. 0.50 on each car. How much total money he is required to pay?

- (a) Rs. 3363.60                      (b) Rs. 3360.00
- (c) Rs. 3348.60                      (d) Rs. 3378.60

**65.** Electricity bill of Mr. Mohan &as shows the following details:- Monthly Rent = 500/-

Unit Consumed	Rate (?)
1-100	3.50
101-150	4.25
151-200	4.50

greater than 201 4.75

**1.** Calculate amount payable by Mr. Mohan Das to BSES Rajdhani Power Limited if he consumes 120 units.

- (a) 935                                      (b) 875
- (c) 395                                      (d) 500

**2.** Calculate amount payable by Mr. Mohan has to BSES Rajdhani Power Limited if he consumes 205 units.

- (a) 1063                                      (b) 1062.5
- (c) 1061                                      (d) 1060

**66.** Which of the following holds true or false?

- (A)  $0.5 = 0.5000$ .                      (B)  $0.5 = \frac{5}{100}$ .
- (C)  $0.5 = 5 \times \frac{1}{1000}$ .                      (D)  $0.5 = 5.0$ .
- (a) TFFF                                      (b) FTFF
- (c) FFTF                                      (d) FFFT

**67.** Which of the following holds true or false?

- (A) Rs.5 and 25 paise = Rs.5.025.
- (B)  $\frac{1}{100}$  of a rupee = Rs.100.
- (C)  $\frac{1}{50}$  of a rupee = Rs.0.25 paise.
- (D) 20 paise = Rs.0.20.
- (a) TFFF                                      (b) FFTF
- (c) TTFF                                      (d) FFFT

**68.** Which of the following holds true or false?

- (A)  $0.3 + 0.7 = 10.00$ .
- (B)  $0.30 + 0.70 = 1.00$ .
- (C)  $0.30 + 0.70 = 0.10$ .
- (D)  $0.3 + 0.7 = 1.10$ .
- (a) TFFT                                      (b) FTFF
- (c) TFFF                                      (d) FFFT

**69.** 6 friends go out to eat pizza they order a 2 medium pizza's of Rs. 329 and Rs 429 respectively. How much amount each must

contribute to pay the bill if they share it equally. Round it off to one decimal place.

- (a) Rs. 126.30                      (b) Rs. 54.80  
(c) Rs. 71.50                      (d) Rs. 126.33

- 70.** Krish and Kavya are playing a game. Each win gives 0.5 points and each loss takes away 0.25 points. If Krish stands at a score of 3 and Kavya at 3.5, who will win if Krish wins 3 out of the next 5 games?
- (a) Krish  
(b) Kavya  
(c) Draw  
(d) Can't be calculated

**Directions (Qs. 71 to 74): In a multiple choice test of 50 questions each correct answer gives you 1 mark, each incorrect answer reduces the score by one-fourth of a mark. Any unattempted question do not get you any mark.**

- 71.** What will be the score of Kapil who attempts 38 and has 28 correct answers?
- (a) 30.5                                  (b) 25.5  
(c) 3                                        (d) 31

- 72.** Which of the following is/are correct?

		Attempted	Incorrect	Score
A.	Shruti	40	10	27.5
B.	Tripti	48	24	18.0
C.	Vidhi	36	4	18.0

- (a) Only A                                  (b) Only B  
(c) A and B                                (d) B and C

- 73.** What should be the most advisable strategy in such a test?
- (a) Attempt maximum number of questions.  
(b) Attempt all the questions irrespective of you know them.  
(c) Avoid questions whose answers you are not sure off.  
(d) None of these.
- 74.** Which of the following is correct to obtain a score of 40?
- (a) Attempt 50 correct 45  
(b) Attempt 45 correct 40  
(c) Attempt 45 correct 41  
(d) Attempt 46 correct 42

## Solutions with Explanation

### CHALLENGE A

- 1.** (b) 1.4 one unit and four tenths =  $1 + \frac{4}{10}$   
=  $1 + 0.4 = 1.4$ .
- 2.** (a) Sixty Seven and Twenty Three One-Hundredths  
=  $67 + \frac{23}{100} = 67 + 0.23 = 67.23$ .
- 3.** (b) Twenty Three Fiftieths  
=  $\frac{23}{50} = \frac{23 \times 2}{50 \times 2} = \frac{46}{100} = 0.46$
- 4.** (c) Seven Twenty Fifth  
=  $\frac{7}{25} = \frac{7 \times 4}{25 \times 4} = \frac{28}{100} = 0.28$ .



5. (c)  $2\frac{1}{2} = 2 + \frac{1 \times 5}{2 \times 5} = 2 + \frac{5}{10} = 2 + 0.5 = 2.5$
6. (a) 12.78 rounded to nearest tenth = 12.8.  
Since the digit on hundredth place 8 > 5, the tenth place is rounded by adding 1 to 7.
7. (a) 3.8439 rounded to nearest hundredth = 3.84.  
Since the digit on thousandth place 3 < 5, the hundredth place remains unchanged.
8. (b) 12.6257 to three decimal places = 12.626.  
Since the digit after 5 is 7 and 7 > 5, the thousandth place is increased by 1.
9. (c) 106.5 rounded to nearest whole number = 107.  
Since the digit after decimal is 5, the unit place is rounded by adding 1 to 6.
10. (a) 200  
"2" needs to be retained in the hundreds position. The next digit is "3" which is less than 5, so no change is needed to "2".  
 $\therefore$  Required answer = 2 hundreds.
11. (a)  $12.12 \div 12 = 1.01$  cost of each garland = 1.01.
12. (a) A fraction and a decimal for the part of the school that consists of boys are

fraction	decimal
$\frac{500}{500}$	0.58

13. (b)  $502\frac{12}{100} = 502 + \frac{12}{100} = 502 + .12 = 502.12$
14. (b)  $9.471 = 9 + .471 = 9 + \frac{471}{1000} = 9\frac{471}{1000}$

15. (d)  $\frac{929.5}{100} = \frac{9295}{100 \times 10} = \frac{9295}{1000} = 9.295$
16. (b)  $2.1143 \times 10 = \frac{21143}{10000} \times 10 = \frac{21143}{1000} = 21.143$
17. (b)  $2222 + .2 + .02 + .002 + .0002 = 2222.2222$
18. (a) Required number  
 $= \frac{5005}{500.5} = \frac{5005}{5005} \times 10 = 10$
19. (b)  $\frac{727.111}{7.27111} = \frac{727111}{1000} \times \frac{100000}{727111} = 100$
20. (c)  $3.95 = \frac{395}{100}$   
So,  $3.95 = \frac{395}{100}$

### CHALLENGE B

21. (a)
22. (d) Amount of flour left =  $5.00 - 2.25 = 2.75$ .  
Amount of sugar left =  $3.50 - 1.75 = 1.75$ .
23. (a)  $(1.27 + 3.25 + 2.79 + 2.57 + 1.37)$  cm = 11.25 cm rain.
24. (a) Required cloth =  $(2.5 \times 25)m = 62.50m$ .
25. (a) 1g = 1000 kg  
 $\therefore \frac{8335}{1000} kg = 8.335kg$ .
26. (d) 1m = 1000 km  
 $\therefore \frac{790}{1000} km = .79km$ .
27. (b)
28. (a) 1 ml = 1000 l  
 $\therefore 7ml = \frac{7}{1000} = 0.007l$ .
29. (c)

30. (b)  $325.312 - 253.175 = 72.137$

31. (d)  $982.311 \times 2.43 = \frac{982311}{1000} \times \frac{243}{100} = 2387.01573$

32. (a)  $\frac{145.208}{0.25} = \frac{145208}{1000} \times \frac{100}{25}$   
 $= \frac{145208}{250} = 580.832$

33. (a)

$$\begin{array}{r} 1.23 \\ + 1.40 \\ + 0.39 \\ \hline 3.02 \end{array}$$

She spends 3 hours 2 minutes on her studying.

34. (b)

$$\begin{array}{r} 100.00 \\ - 78.60 \\ \hline 21.40 \end{array}$$

She receives? 21.40.

35. (b)

$$\begin{array}{r} 74.92 \\ - 56.73 \\ \hline 18.19 \end{array}$$

Riya score 18.19 points less than Asha.

36. (a)  $10.50 \times 12 = 126.00$

37. (a)  $7 \div 25, 14 \frac{1}{2}, 74 \div 5, 75 \frac{3}{4}$

38. (b) 3.14, 135.124, 0.0165

39. (a) Express each of the decimals as fractions:

$$0.25 = \frac{25}{100} = \frac{5}{20} = \frac{1}{4}$$

$$0.375 = \frac{375}{1000} = \frac{3}{8}$$

$$0.625 = \frac{625}{1000} = \frac{5}{8}$$

40. (a) Write each of the decimals in a place-value table/and fill in the empty spaces with zeros:

Unit s	Decim al point	Tenth s	Hundre dths	Thous andth s
0	.	2	0	6
2	.	0	6	0
0	.	0	2	6
0	.	2	6	0

By comparing the four digit numbers, 2.060 = 2.06 is the biggest.

41. (c) Write each of the decimals in a place-value table, and fill in the empty spaces with zeros:

Units	Decim al point	Tenths	Hundr edths	Thous andths
1	.	3	0	5
1	.	3	5	0
1	.	0	5	3
1	.	5	3	0

By comparing the four digit numbers, 1.053 is the least.

42. (b) Sum of amount of all the items = 49.95 + 19.95 + 21.95 = 91.85 > 90.

Only two items can be bought with Rs. 90 as sum of all three items cost more than Rs.90/-.

- 43.** (c)  $7A = 17.5$   
 $5B = 22.5$   
 $7A + 5B = 40$
- 44.** (b) A to R = 7.9 km  
A to P = 40.18 km  
C to R = 5.6 km  
B to Q = 19.7 km
- 45.** (b)
- 46.** (d)
- 47.** (a)  $4.235 + 56.230 + 45 + 2.02 + 0.02316 = 107.50816$
- 48.** (c)  $Q + R - P = 456.321 + 95.326 - 256.32 = 295.327$
- 49.** (c)
- 50.** (c) before
- 51.** (a) 58
- 52.** (b) integral part
- 53.** (b) decimal point
- 54.** (c)
- 55.** (a) Decimal part is also known as fractional part.
- 56.** (c) Total distance = 5.5 km  
Amount for first 1 km = Rs. 20  
Rest distance =  $5.5 - 1 = 4.5$  km  
Now, amount for 4.5 km =  
 $4.5 \times 6.50 = \text{Rs. } 29.25$   
Hence, total amount =  $20 + 29.25 = \text{Rs. } 49.25$
- 57.** (d)
- 58.** (a)
- 59.** (c) Total number of squares = 8.  
Number of shaded squares =  $4\frac{1}{2} = 4.5$
- 60.** (d) Total parts = 16, number of shaded parts = 10.  
 $\therefore$  Required answer  $\frac{10}{16} = \frac{5}{8} = 0.625$ .
- 61.** (d) Cost of 1 m wire = Rs. 5.50.  
Cost of 42.4 m wire = Rs.  
 $(5.50 \times 42.4) = \text{Rs. } 233.20$ .
- 62.** (a) Total length =  $62.78 + 93.22 \times 59.10 = 215.10$ .  
Cost of 1 m ribbon = 2.50.  
 $\therefore$  Cost of 215.10 m ribbon =  $215.10 \times 2.50 = \text{Rs. } 537.75$ .
- 63.** (b) Share of each person =  $3.5 \div 40 = 0.0875$  kg.
- 64.** (c)
- 65.** 1. (a)  $500 + 100 \times 3.50 + 20 \times 4.25 = 500 + 350 + 85 = 935$   
2. (b)  $500 + 100 \times 3.50 + 50 \times 4.25 = 1062.5$
- 66.** (a) Only (A) is true.
- 67.** (d)
- 68.** (b)
- 69.** (a) Total amount =  $329 + 429 = \text{Rs. } 758$ .  
Amount contribute by each =  $758 \div 6 = 126.33 = 126.30$ .
- 70.** (a) Krish =  $3 + 0.5 + 0.5 + 0.5 - 0.25 - 0.25 = 4$   
Kavya =  $3.5 + 0.5 \times 0.5 - 0.25 - 0.25 - 0.25 = 3.75$
- 71.** (b) Kapil  
 $= 28 - (38 - 28) \times \frac{1}{4} = 28 + 2.5 = 25.5$
- 72.** (c) Shruti =  $40 - 10 - 10 \times \frac{1}{4} = 30 - 2.5 = 27.5$

$$\text{Tripti} = 48 - 24 - 24 \times \frac{1}{4} = 24 - 6 = 18$$

$$\text{Vidhi} = 36 - 4 - 4 \times \frac{1}{4} = 32 - 1 = 31$$

**73.** (c)

**74.** (a) 50 Attempt

<u>45 Correct</u>	× 1	⇒ 45.00
-5 incorrect	× .25	⇒ 1.25
		<u>43.75</u>