Add:

1. $48.79 + 9.83$

2. $103.08 + 37.85$

3. $498.321 + 12.970$

4. $\begin{array}{r} 87.730 \\ +123.298 \\ \hline \end{array}$

5. $\begin{array}{r} 29.183 \\ +78.097 \\ +\ 9.807 \\ \hline \end{array}$

6. $\begin{array}{r} 146.783 \\ +\ 29.909 \\ +\ 8.162 \\ \hline \end{array}$

7. $\begin{array}{r} 785.837 \\ +106.931 \\ +\ 27.280 \\ \hline \end{array}$

8. $\begin{array}{r} 406.284 \\ +283.813 \\ +\ 90.986 \\ \hline \end{array}$

I can do them. Can you?

Evaluate:

9. 25.89 + 73.9 + 26.08
10. 146.7 + 273.83 + 98.76
11. 78.85 + 189.6 + 72.925
12. 46.90 + 206.8 + 7.825 + 19.18

Find the sum of the following decimal numbers:

13. 23.86, 149.9, 78.07
14. 47.9, 173.37, 36.735, 9.083

Subtract:

15. $\begin{array}{r} 78.93 \\ -\ 29.31 \\ \hline \end{array}$

16. $\begin{array}{r} 61.18 \\ -\ 32.73 \\ \hline \end{array}$

17. $\begin{array}{r} 170.23 \\ -\ 85.76 \\ \hline \end{array}$

18. $\begin{array}{r} 403.127 \\ -275.378 \\ \hline \end{array}$

19. $\begin{array}{r} 106.035 \\ -\ 79.167 \\ \hline \end{array}$

20. $\begin{array}{r} 25.003 \\ -\ 12.436 \\ \hline \end{array}$

21. $\begin{array}{r} 410.306 \\ -127.469 \\ \hline \end{array}$

22. $\begin{array}{r} 123.037 \\ -\ 85.619 \\ \hline \end{array}$

23. 46.8 from 129.73
24. 78.39 from 100
25. 486.235 from 900.2

Find the difference:

26. 129.3 – 73.89
27. 50 – 27.5
28. 178.1 – 96.23

Evaluate:

29. 2.9 – 1.3 + 18.6 – 7.23
30. 16.1 – 7 + 12.86 – 9.9
31. 17.23 – 4.8 – 12.36 + 21.07
32. Rakesh bought 38.592 kg potatoes, 12.38 kg tomatoes and 2.8 kg onions. How much vegetables did he buy?
33. Rahim has 200 kg rice in his shop. He sold 37.509 kg and 85.78 kg rice to his customers. How much rice is left in his shop?

34. What should be subtracted from 138.01 to get 98.5?

35. How much is the sum of 185.6 and 203.73 greater than the difference of 145.3 and 98.09?

Multiply:

1. 895.62×10
2. 0.903×10
3. 93.5×10
4. 56.738×100
5. 1.089×100
6. 83.9×100
7. 0.58×1000
8. 3.6×6
9. 0.8×9
10. 76.52×8
11. 14.24×12
12. 23.6×16
13. 48.94×20
14. 142.3×43
15. 7.591×60
16. 61.543×29
17. 83.59×89
18. 6.034×213
19. 95.06×135
20. 37.005×296

Multiply:

1. 0.5 by 0.7
2. 1.2×0.1
3. 0.15×0.6
4. 0.006 by 0.23
5. 2.34 by 0.7
6. 4.89 by 0.8
7. 4.8 by 2.4
8. 59.07 by 8.3
9. 9.8 by 5.7
10. 0.76 by 1.94
11. 56.12 by 8.91
12. 8.98 by 0.306
13. 65.17 by 12.37
14. 79.341 by 45.9
15. 43.5 by 6.734

16. Multiply 8.932 by 9. Write down the product when 8.932 is multiplied by:
    (a) 90 (b) 900 (c) 0.9 (d) 0.09
17. Find the continued product of:
    (a) $3.4 \times 1.2 \times 2.9$
    (b) $15.6 \times 2.03 \times 1.12$
18. Verify the following:
    (a) $6.7 \times 3.4 = 67 \times 0.34$
    (b) $0.439 \times 5.6 = 43.9 \times 0.056$
    (c) $45 \times 38 = 4.5 \times 3.8 \times 100$
    (d) $4.5 \times 0.8 \times 1.4 = 14 \times 0.45 \times 0.8$
19. One kilogram of radish costs ₹4.60. How much will 3.5 kg cost?
20. A car goes 18.5 km in a litre of petrol. Varun has 7.3 litres petrol in his car. How many kilometres can he drive his car?
21. A school uniform costs ₹250.30. What will be the cost of 20 uniforms?
22. Amrish walks 3.5 km in an hour. One day he walked for 2.4 hours from home to his school. How far is his school from home?
23. Vineeta bought 12.3 m ribbon at the rate of ₹8.90 and 4 dozen bangles at the rate of ₹3.35 per dozen. What amount did she pay?
24. Match the following:

(a) 9.9×10	(i) 0.04
(b) 0.31×0.3	(ii) 99
(c) 0.2×0.2	(iii) 0.02
(d) 0.05×0.4	(iv) 0.093
(e) 0.60×5	(v) 3.00

Divide:

1. 0.84 by 4
2. 0.69 by 3
3. 2.46 by 2
4. 8.48 by 4
5. 0.161 by 7
6. 37.44 by 8
7. 43.82 by 7
8. 8.19 by 9
9. 1.29 by 3
10. 0.824 by 8
11. 4.128 by 16
12. 59.52 by 24
13. 7.2 by 12
14. 39.818 by 43
15. 437.88 by 123
16. 262.984 by 463
17. 3.47 by 5
18. 1.3 by 4
19. 14.05 by 2
20. 21.6 by 16

Divide:

1. 81.25 by 10
2. 3.5 by 10
3. 0.56 by 10
4. 89.2 by 100
5. 1.4 by 100
6. 0.5 by 100
7. 3456 by 1000
8. 278.9 by 1000
9. 56.3 by 1000
10. 8.9 by 1000
11. 0.3 by 1000
12. Fill in the boxes:

(a) 17.32 ÷ ☐ = 1.732

(b) 9 ÷ ☐ = 0.9

(c) 173.5 ÷ ☐ = 1.735

(d) 70.53 ÷ ☐ = 7.053

(e) 49.76 ÷ ☐ = 0.4976

(f) 867.3 ÷ ☐ = 0.8673

(g) 4.9 ÷ ☐ = 0.0049

(h) 97.1 ÷ ☐ = 0.971

1. Put the decimal point in the quotient correctly:

(a) $10.58 \div 2.3 = 46$ (b) $0.76 \div 0.4 = 19$ (c) $0.0516 \div 0.12 = 43$

Divide:

2. 10.199 by 0.7
3. 10.832 by 0.16
4. 11.47 by 0.031
5. 13.0563 by 0.0009
6. 19.56 by 4.8
7. 269.064 by 1.11
8. 276.624 by 2.04
9. 1.0486 by 0.107
10. 70.091 by 5.27

Find the value of:

11. $0.693 \div 0.9$

12. $0.35109 \div 0.0083$

13. $3 \div 2.5$

14. Divide 144.72 by 12. Write down the quotient orally when 144.72 is divided by
    (a) 1.2 (b) 0.12 (c) 120

15. Fill in the boxes:
    (a) $108.54 \div 9 = 1085.4 \div$ ☐ (b) $29.16 \div 1.8 = 2.916 \div$ ☐

16. Fill in the boxes:
    (a) $13.1 \div$ ☐ $= 13.1$ (b) $5.01 \div 1 =$ ☐

17. A car travels 561.6 km in 9 hours. How many kilometres does it travel in an hour?

18. Preeti travelled a total of 291.5 kilometres. She used 26.5 litres of petrol. How many kilometres per litre did she average?

19. One bucket of shells weighs 4.13 kg. Another weighs 5.9 kg. The weight of each shell is 0.295 kg. How many shells are there in both the buckets?

20. 1 kg of ghee contains 0.283 kg of fat. How much ghee will contain 1.8395 kg of fat?

21. A bottle when filled to 0.75 of its capacity contains 234 g of fruit jam. How much jam will it contain if completely filled?

22. Neha strings 1.65 g of beads. The weight of each bead is 0.055 g. How many beads does she string?

1. Convert the following decimals into common fractions in the lowest terms:

(a) 0.8 (b) 0.35 (c) 0.208 (d) 0.125 (e) 1.02 (f) 3.25

(g) 15.004 (h) 20.375 (i) 88.88 (j) 90.805 (k) 600.75 (l) 95.48

2. Convert the following common fractions into decimal numbers:

(a) $\frac{1}{4}$ (b) $\frac{3}{5}$ (c) $\frac{7}{8}$ (d) $\frac{15}{16}$ (e) $\frac{7}{125}$ (f) $1\frac{3}{4}$

(g) $15\frac{1}{25}$ (h) $16\frac{9}{40}$ (i) $25\frac{49}{50}$ (j) $\frac{111}{250}$ (k) $39\frac{7}{35}$ (l) $18\frac{3}{24}$