

Tender Heart High School, Sec - 33 B, Chd

Class - V

Date - 07. 10. 24.

Subject - Mathematics

Teacher - Ms. Sushma

Exercise 5.5

A Round off each decimal number to the nearest whole number.

i. 6.3

Here the digit in the tenths place is 3.

$$3 < 5$$

Round off the decimal number to the whole number.

$$\therefore \text{Ans} = 6.$$

(ii) 5.1

Here the digit in the tenths place is 1

$$1 < 5$$

$\therefore$ Round off the decimal number to the whole number.

$$\therefore \text{Ans} = 5$$

iii) 13.5

Here the digit in the tenths place is 5

$$5 = 5$$

Round up the digit in the ones place.

$$\therefore 13 + 1 = 14 \text{ Ans.}$$

Round off each decimal number to the nearest tenth.

1. 17.12

Here the digit in the hundredths place is 2.
 $2 < 5$

Keep the digit in the tenths place as it is and remove the digits to its right.

$\therefore$ Ans is = 17.1

2. 2.81

Here the digit in the hundredths place is 1.
 $1 < 5$

Keep the digit in the tenths place as it is and remove the digit to its right

Ans 2.8

3. 3.96

Here the digit in the hundredths place is 6.
 $6 > 5$

Round up the digit in the tenths place

$$9 + 1 = 10$$

$\therefore$ Ans 4.0 = 4

4. 20.99

Here the digit in the hundredths place is 9.
 $9 > 5$

Round up the digit in the tenths place

$$9 + 1 = 10$$

Ans 21

Quc Round off each decimal number to the nearest hundredth.

(i) 0.475

Here the digit in the thousandths place is
 $5 \geq 5$

$\therefore$ Round up the digit in the hundredths place
 $7+1=8$, Ans 0.48

(ii) 11.489

Here the digit in the thousandths place is
 $9 > 5$

Round up the digit in the hundredths place
 $= 8+1=9 \Rightarrow$ Ans 11.49

(iii) 320.471

Here the digit in the thousandths place is
 $1 < 5$

Round up the digit in the hundredths place
 $\rightarrow$ Keep the digit in the hundredths place as it is and remove 1. $\therefore$ Ans = 320.47

(iv) 8.008

Here the digit in the thousandths place is
 $8 > 5$

Round up the digit in the hundredths place

$$0+1=1$$

$$\therefore 8.01$$

Exercise 56

A Add the following.

$$\begin{array}{r} 1. \quad 2.6 \\ + 4.1 \\ \hline 6.7 \end{array}$$

$$\begin{array}{r} 2. \quad \textcircled{1} 6.30 \\ + 2.78 \\ \hline 9.08 \end{array}$$

$$\begin{array}{r} 3. \quad \textcircled{1} \textcircled{1} 7.89 \\ + 0.86 \\ \hline 8.75 \end{array}$$

$$\begin{array}{r} 4. \quad \textcircled{1} \textcircled{0} \textcircled{0} \textcircled{0} 4.008 \\ + 6.997 \\ \hline 11.005 \end{array}$$

$$\begin{array}{r} 5. \quad 4.120 \\ + 1.008 \\ \hline 5.128 \end{array}$$

$$\begin{array}{r} 6. \quad \textcircled{1} \textcircled{1} 12.53 \\ + 67.80 \\ \hline 20.33 \end{array}$$

B Arrange in columns and add.

$$\begin{array}{r} 1. \quad 9 + 3.87 \\ 9.00 \\ + 3.87 \\ \hline 12.87 \end{array}$$

$$\begin{array}{r} 2. \quad 4.7 + 2.8 \\ \textcircled{1} 4.7 \\ + 2.8 \\ \hline 7.5 \end{array}$$

$$\begin{array}{r} 3. \quad 8.71 + 126.3 \\ \textcircled{0} \textcircled{0} 008.71 \\ + 126.30 \\ \hline 135.01 \end{array}$$

$$\begin{array}{r} 4. \quad 0.1 + 0.11 + 1 \\ 0.10 \\ 0.11 \\ + 1.00 \\ \hline 1.21 \end{array}$$

5. $6.42 + 6.041 + 3.1$

$$\begin{array}{r} 6.420 \\ 6.041 \\ + 3.100 \\ \hline 15.561 \end{array}$$

6. $14.1 + 6.93 + 0.487$

$$\begin{array}{r} 000 \\ 14.100 \\ 06.930 \\ + 00.487 \\ \hline 21.517 \end{array}$$

Exercise 5.7

Solve these story sums.

Q1. On a certain day, Mr. Kirmani drove 36.8 Km before lunch and 12.9 km after lunch. How far did he drive that day?

Soln:- Distance covered before lunch = 36.8 km^⓪
 Distance covered after lunch = +12.9 Km.
 Total distance covered = 49.7 Km

∴ Mr. Kirmani drove 49.7 km.

2. A tennis racket is on sale for ₹ 650.75. A box of six balls costs ₹ 110.50 in the same sale. How much will both cost?

Soln:-

$$\begin{array}{rcl} \text{Cost of a tennis racket} & = & \text{₹ } 650.75 \\ \text{Cost of a box of six balls} & = & + \text{₹ } 110.50 \\ \text{Total cost of both} & = & \text{₹ } 761.25 \end{array}$$

∴ Cost of a tennis racket and a box of six balls is ₹ 761.25.

3. In a long jump competition, Mohan jumped 1.2 m in his first attempt, 0.97 m in his second attempt and 1.3 m in his third attempt. What is the total distance he has jumped?

Soln:-

$$\begin{array}{rcl} \text{Distance covered in 1st attempt} & = & 1.20 \text{ m} \\ \text{Distance covered in 2nd attempt} & = & 0.97 \text{ m} \\ \text{Distance covered in 3rd attempt} & = & + 1.30 \text{ m} \\ \text{Total distance covered} & = & 3.47 \text{ m} \end{array}$$

So, Mohan has covered 3.47 m distance in three jumps.

4. Ananya purchased a pen for ₹ 18.75, a geometry box for ₹ 57.25 and a Maths notebook for ₹ 40.35. How much money did Ananya spend in all?

Soln:-

$$\begin{array}{rcl}
 \text{Cost of a pen} & = & ₹ 18.75 \\
 \text{Cost of a geometry box} & = & ₹ 57.25 \\
 \text{Cost of a Maths notebook} & = & ₹ 40.35 \\
 \text{Cost of all three items} & = & ₹ 116.35
 \end{array}$$

∴ Ananya spent ₹ 116.35 in all.

Q. Sameer bought a pair of shirts for ₹ 1205.75, a trouser for ₹ 1095.95 and a coat for ₹ 1800.20. What was the total cost of all the three items?

Soln:-

$$\begin{array}{rcl}
 \text{Cost of a pair of shirts} & = & ₹ 1205.75 \\
 \text{Cost of a trouser} & = & ₹ 1095.95 \\
 \text{Cost of a coat} & = & ₹ 1800.20 \\
 \text{Total cost of all items} & = & ₹ 4101.90
 \end{array}$$