



MONTH : SEPTEMBER

SESSION : 12

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 10

CHAPTER NAME : DECIMAL FRACTIONS

SUB-TOPIC : ROUNDING OFF OF DECIMAL

EXERCISE 10 A Q.NO. 12 & 16

CHANGING YOUR TOMORROW

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LEARNING OBJECTIVE :

Enable the students

- **To round off the decimals to the nearest tenths, hundredths or whole number.**

Rounding off decimals

→ To the nearest ones:

$$\textcircled{9}.\textcircled{6} = 10.0 = 10$$

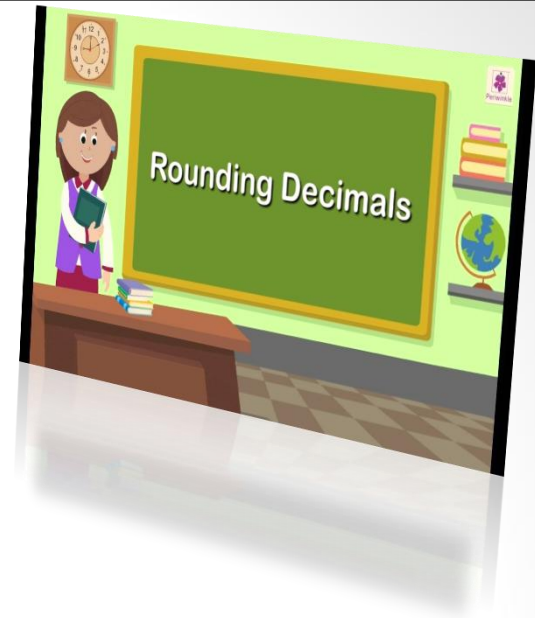
Ones place

Next digit is 6 which is $6 > 5$

$$6.\underline{2} = 6.0 = 6$$

$$5.\underline{5} = 6.0 = 6$$

$$7.\underline{7} = 8.0 = 8$$



Rounding off decimals

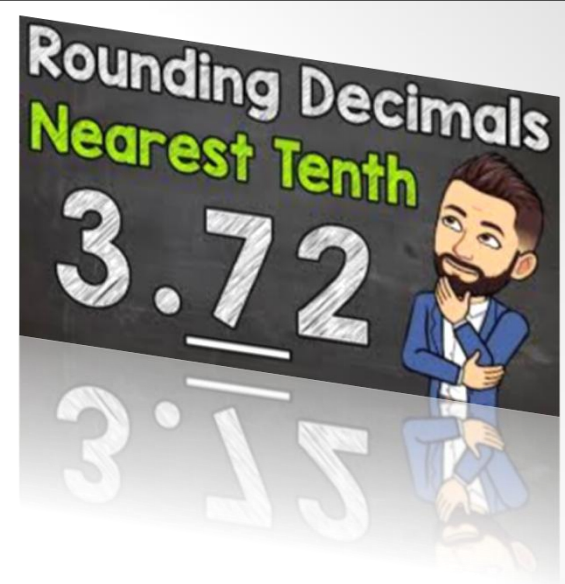
→ To the nearest tenths:

Round off the following to nearest tenths

a. $9.7\overset{\circ}{6} = 9.8$ because **hundredths place digit $6 > 5$**

b. $15.7\overset{\circ}{2} = 15.70 = 15.7$

c. $54.4\overset{\circ}{8}5 = 54.500 = 54.5$



Rounding off decimals

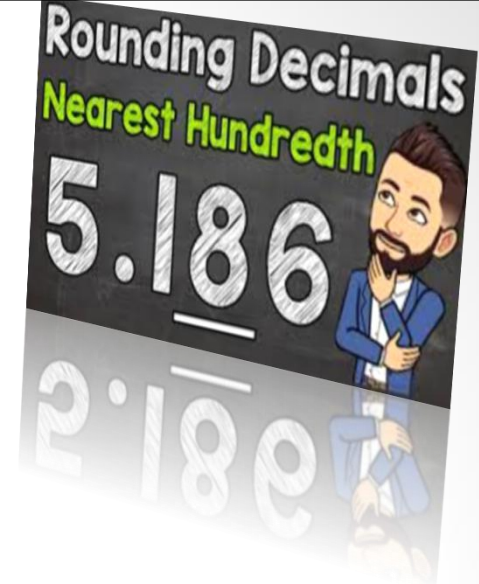
→ To the nearest hundredths:

Round off the following to nearest hundredths

a. 9.567 = 9.570 = 9.57 because **thousandths place digit $7 > 5$**

b. 73.318 = 73.32

c. 225.562 = 225.56



Rounding off decimals

→ To the nearest whole number:

Round off the following to nearest whole number

a. 89.867 = The nearest whole number is 90 because $8 > 5$

b. 739.807 = 740



Let's
Solve
This!

EXERCISE 10 - A

12. Round off to the nearest **ONES**.

a. $5.7 = 6.0 = 6$

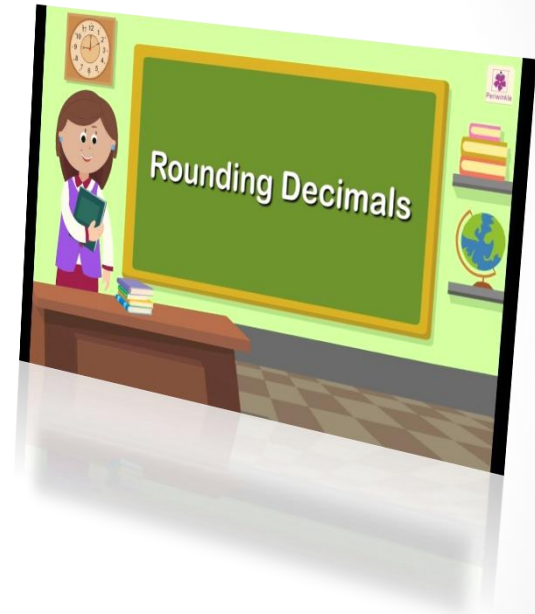
b. $38.7 = 39.0 = 39$

c. $12.3 = 12.0 = 12$

d. $189.5 = 190.0 = 190$

e. $642.3 = 642.0 = 642$

f. $304.5 = 305.0 = 305$



Let's
Solve
This!

EXERCISE 10 - A

13. Round off to the nearest **TENTHS**.

a. $12.38 = 12.40 = 12.4$

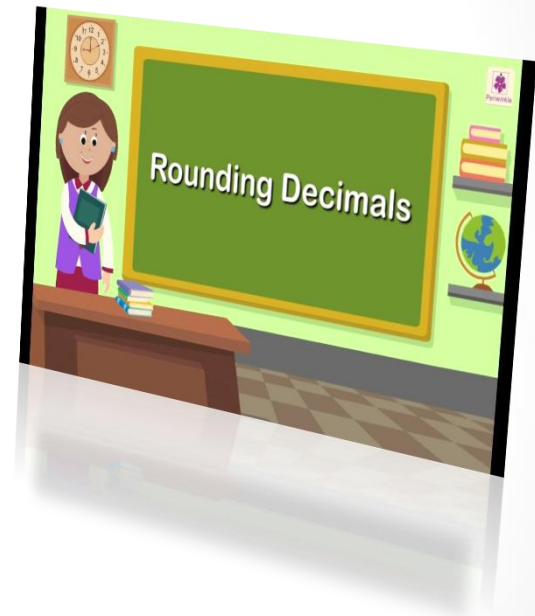
b. $48.43 = 48.4 = 48.4$

c. $98.69 = 98.70 = 98.7$

d. $378.45 = 378.50 = 378.5$

e. $940.08 = 940.10 = 940.1$

f. $505.55 = 505.60 = 505.6$



Let's
Solve
This!

EXERCISE 10 - A

14. Round off to the nearest **HUNDREDTHS** .

a. $5.583 = 5.58$

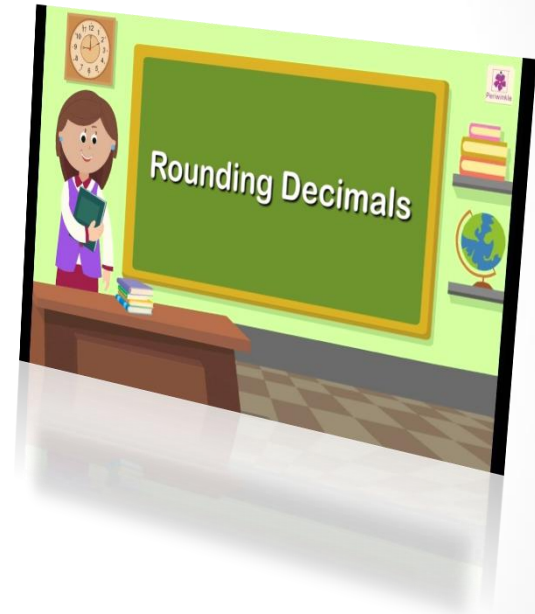
b. $33.366 = 33.37$

c. $180.762 = 180.76$

d. $786.103 = 786.1$

e. $388.008 = 388.01$

f. $136.165 = 136.17$



Let's
Solve
This!

EXERCISE 10 - A

15. Round off to the nearest **HUNDREDTHS** ,**TENTHS** then **WHOLE NO.**.

Hundredths

Tenths

Whole number

a. 9.382	=	9.38	=	9.4	=	9
b. 51.175	=	51.18	=	51.2	=	51
c. 100.125	=	100.13	=	100.1	=	100
d. 499.862	=	499.86	=	499.9	=	500
e. 616.069	=	616.07	=	616.1	=	616



Let's
Solve
This!

EXERCISE 10 - A

16. Round off to the nearest

a. Metre

- i. 4.56m = **5 m**
- ii. 19.67m = **20 m**
- iii. 21.23m = **21m**
- iv. 89.56m = **90 m**
- v. 87.24m = **87 m**

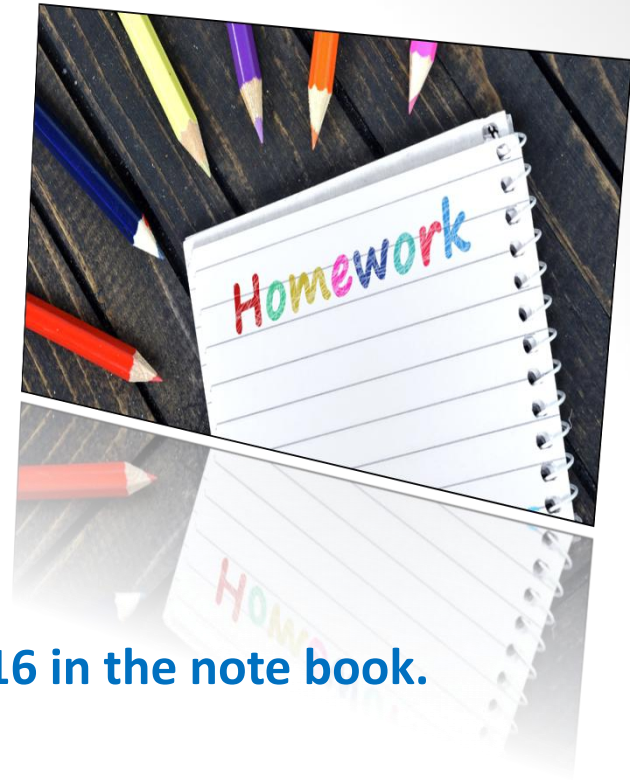
b. Litre

- i. 3.467L = **3 L**
- ii. 36.8L = **37 L**
- iii. 56.398L = **56 L**
- iv. 5.34L = **5 L**
- v. 9.741L = **10 L**

c. Kg

- i. 4.576kg = **5 kg**
- ii. 64.362kg = **64 kg**
- iii. 87.560kg = **88 kg**
- iv. 78.340kg = **78 kg**
- v. 89.56 kg = **90 kg**





- Complete exercise 10 A q.no. 12 & 16 in the note book.

The logo for 'Learning Outcomes' features the word 'Learning' in a bold, black, sans-serif font with a yellow outline and a drop shadow. Above the letter 'i' in 'Learning' is a small red apple with a green leaf. To the left of the word 'Outcomes' is a blue graduation cap with a tassel. The word 'Outcomes' is in the same bold, black, sans-serif font with a yellow outline and drop shadow as 'Learning'.

Learning Outcomes

Students are able to round off the decimal fractions to the nearest tenths, hundredths and whole number.

THANKING YOU
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