



Our Vision: Innovative education for a knowledge, pioneering, and global society.

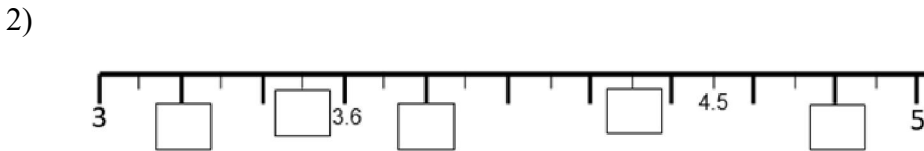
SUB:MATHEMATICS 2018 - 2019

TERM-2- WORKSHEET

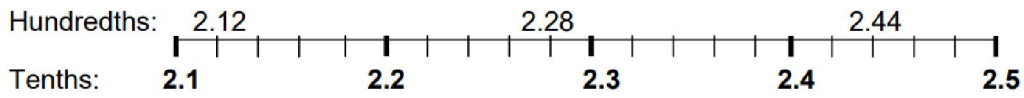
UNIT-3 Decimals -1

Name : Roll no. : Grade: 6 Sec: _____ Date : _____

A) Complete following number lines by filling in the missing places.

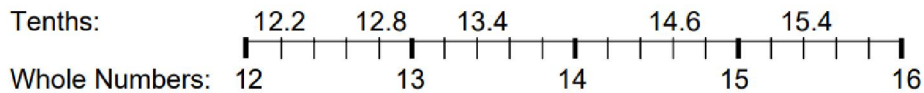


B) Round following to the nearest tenth. (Use number line)



- 1) 2.12 -----
- 2) 2.28 -----
- 3) 2.44 -----

B) Refer to the number line below. Which whole number in each of the following decimal number is closest to and therefore rounds to?



- a) 12.2 is closest to the whole number 12 and rounds to 12
- b) 15.4 is closest to the whole number ----- and rounds to----- .
- c) 14.6 is closest to the whole number----- and rounds to-----.
- d) 13.4 is closest to the whole number----- and rounds to-----.
- e) 12.8 is closest to the whole number-----and rounds to----- .

C) Put the following decimals in ascending (smallest to biggest) order

a)	1.23	1.3	1.45	1.09	1.42	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<i>smallest</i>	<i>biggest</i>
b)	2.91	2.2	2.78	2.01	2.55	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<i>smallest</i>	<i>biggest</i>
c)	0.65	0.5	0.7	0.06	0.49	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<i>smallest</i>	<i>biggest</i>

Try me

1)	28p	£0.30	£0.18	15p	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<i>smallest</i>	<i>biggest</i>
2)	67p	89p	£0.53	£0.60	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<i>smallest</i>	<i>biggest</i>

D) Each sequence counts on or back in equal steps of tenths. Work out the pattern them fill in the missing number.

- a) _____ 9.4 8.9 _____ 7.9 7.4 _____ 6.4
- b) 10.6 10.3 _____ _____ 9.4 9.1 _____ _____
- c) 2.05 2.1 2.15 2.2 _____ _____ _____
- d) _____ 69.41 _____ 69.38 _____ 69.32 69.29 _____ 69.23
- e) 5.94 5.97 6 6.03 _____ _____ _____
- f) Start at 13.6 count on in steps of 0.8, what will be the 7th number in the sequence.

E) The lottery prize is 10.3 million on week one, 10.6 million on week two, 10.9 million on week 3, 11.2 million on week four, and 11.5 million on week five

- a) How much is the prize on week ten? -----
- b) How much more is the prize on week twelve than week nine? -----

F) You save £30. 40 in the first week, £30. 80 in the second week, and £31. 20 in the 3rd week.

a) How much do you save in the sixth week? -----

b) How much do you save in the 7th, 8th and 9th week combined? -----

G) One scientific team determined that the average thickness of a chicken's egg shell is 0.311 millimeters.

Round the thickness of the shell to the nearest tenth. -----millimeters.

H) Julia is showing her sister how to make strawberry jam. She says to use 3.5 pounds of strawberries, but she rounded the amount to the nearest tenth.

Which could be the number of pounds of strawberries before rounding. (2.59/3.46/3.57)

I) Sam is keeping track of the distances at a long jump competition. The jumper from Eastside High jumped 7.857 meters. The jumper from Temple High jumped 7.1 meters.

Which school had a longer jump?-----