Decimals

Round Decimals

2a. Round the number to complete the empty boxes.

3.762

3.7 — 3.8

3.762	nearest integer →	
3.762	nearest tenth →	
3.762	nearest hundredth →	

VF

2b. Round the number to complete the empty boxes.

1.349

1.3 — 1.4

1.349	nearest integer →	
1.349	nearest tenth →	
1.349	nearest hundredth →	

VF

3a. Round each number.

5.218	Nearest integer	
	Nearest tenth	
	Nearest hundredth	
12.843	Nearest integer	
	Nearest tenth	
	Nearest hundredth	

VF

3b. Round each number.

7.637	Nearest integer	
	Nearest tenth	
	Nearest hundredth	
18.062	Nearest integer	
	Nearest tenth	
	Nearest hundredth	

VF

1a. Marco says,

4.823 rounded to the nearest hundredth is 4.81 because the 3 in the hundredths place tells me we need to round down.

Explain and correct his mistake.

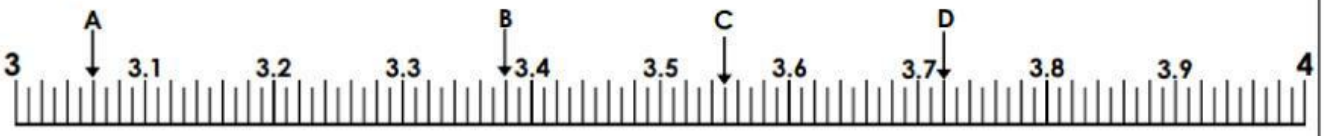
1b. Liv says,

9.672 rounded to the nearest hundredth is 9.68 because the 7 in the hundredths place tells us to round to the next hundredth.

Explain and correct her mistake.

LIVEWORKSHEETS

1. Write the decimal marked by each letter. Round each of the numbers to the nearest integer and the nearest tenth.



A =	B =	C =	D =
Nearest integer	Nearest integer	Nearest integer	Nearest integer
Nearest tenth	Nearest tenth	Nearest tenth	Nearest tenth

VF

3. Three children are rounding decimals. Who is correct and who is incorrect? Explain your answers.

Helena

7.248 is closer to 7.3 than 7.2 because there are 8 thousandths and 8 is greater than 5.

Sanjeev

7.248 rounded to the nearest integer is 7 because 7.2 is closer to 7 than 8.

Zuzanna

When rounding, you use the column to the left to help you. 7.248 will round to 7.24 because 2 tenths mean you round down.

RPS

LIVEWORKSHEETS