



Unit 1

Name: _____

Lesson 1.2

Grade 5A

Date: _____

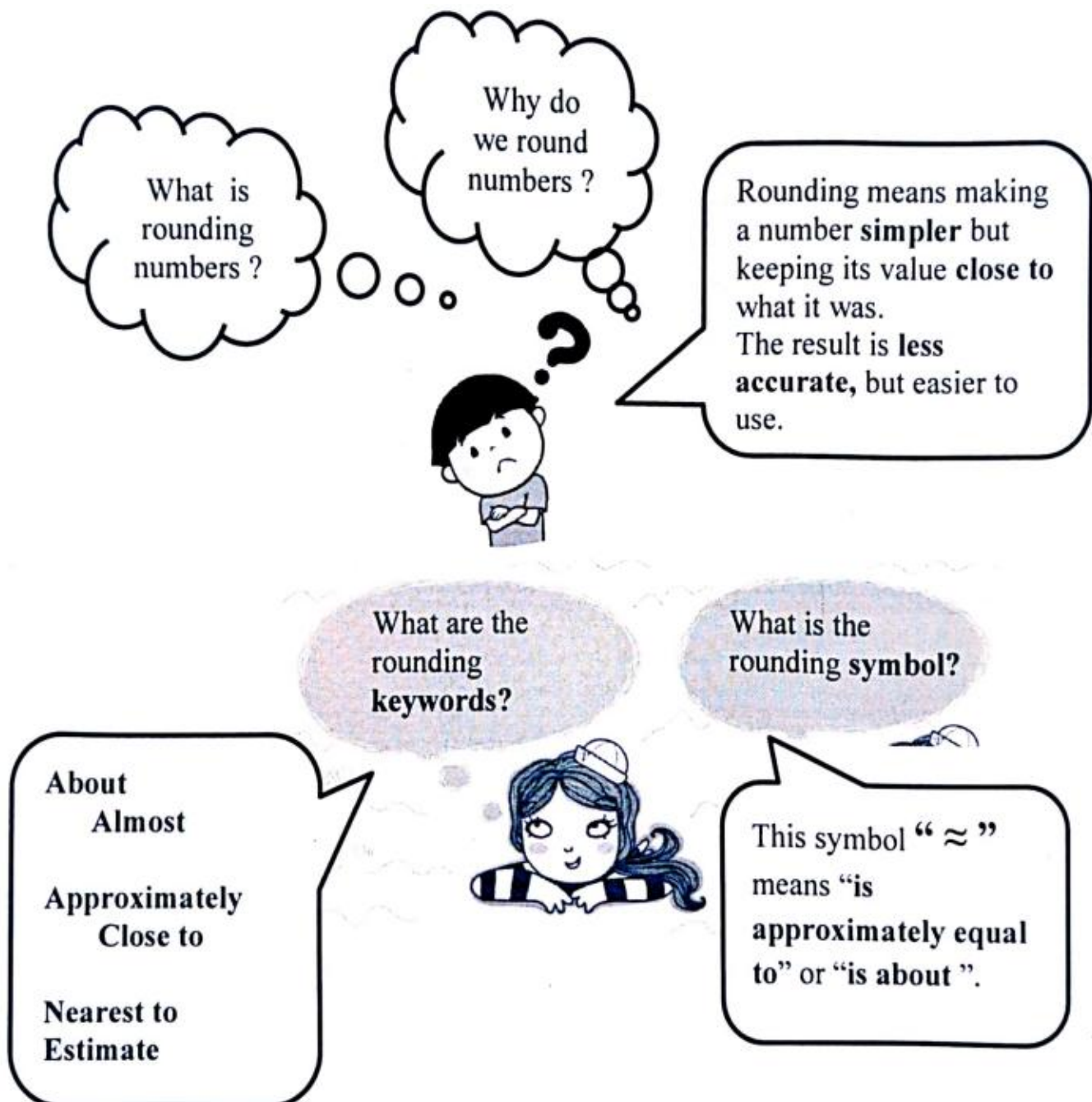
Rounding

Worksheet (7)

Objective(s):

Round whole numbers to the nearest ten, nearest hundred and nearest thousand.

Round decimal numbers to the nearest whole number and the nearest tenth.





4 or less let it rest
5 or more add 1 more

ROUNDING

Using Place Value

1. Underline the digit in the rounding place
2. Circle the next digit to the right
3. Follow the rounding rules
 - 4 or less let it rest
 - 5 or more add 1 more
4. Change all digits to the right of the rounding place to Zero
5. All digits to the left remains same

Example: Round 634 to the nearest ten

$$\begin{array}{r} 6 \ 3 \ \underline{4} \\ \downarrow \\ 6 \ 3 \ 0 \end{array}$$

Rule: 4 or less let it rest,
tens place number will
remain as it is.

so, 634 rounds to 630

Place-value chart

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	tenths	hundredths	thousandths
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Whole Number Part

Decimal point

Fractional part



Rounding a number to **the nearest whole number, nearest unit, nearest dollar, nearest cm/ km/ etc.**, is the same as rounding the number to the nearest **ones**, which means you have to **underline the digit that is in the ones place value**, then follow the steps of rounding.
For example:

78.53 rounded to the nearest whole number is 79.

23.45 cm rounded to the nearest cm is 23.



When rounding a number to the **nearest tenths**, there must be a digit in the tenths place even if it is **zero**.

For example:

3.95 rounded to the nearest tenth is 4.0

7.97 rounded to the nearest tenth is 7.0

Exercises:

1 Complete the table below.

Round these numbers to the nearest ten .	Round these numbers to the nearest hundred .
67	412
53	307
6	1956
97	2078
1289	89

- Round 149 to the nearest 10 _____
- Round 1489 to the nearest 100 _____
- Round 996 to the nearest 1000 _____

Let's watch this great video

<https://www.youtube.com/watch?v=32gDF10ZXOA>



Thinker Key

Which whole number can be rounded to 50?

List **all** whole numbers that rounded to **60** when rounding to the nearest **ten**

What is the **greatest whole number** rounded to **50** when it is rounded to the nearest **ten**.

What is the **smallest whole number** that rounded to 200 when it is rounded to the nearest **hundred**.



Thinker key

What if the answer is 5.20 What could be the question?

Round to the nearest whole number OR nearest tenth as indicated:

a) 12.476 → nearest whole number _____

b) 7.835 → nearest tenth _____

c) 9.4 → nearest whole number _____

d) 24.51 → nearest tenth _____

e) 18.62 → nearest whole number _____