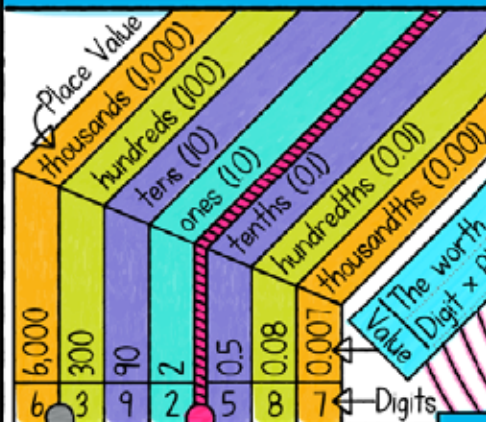


MATH SKETCH NOTES

REVIEW: ADD *and* SUBTRACT DECIMALS

26
Set 6

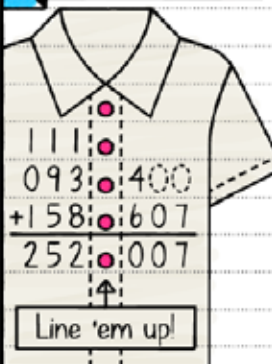


The worth of a digit in a number:
Digit $\times$ Place Value ($8 \times 0.01 = 0.08$)

DECIMAL POINTS
When reading a decimal number greater than one, you say "and" at the decimal point.

"and"

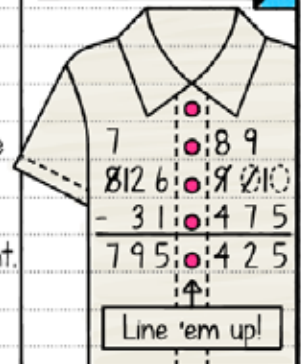
$$93.4 + 158.607$$



STANDARD ALGORITHM

- Line up the numbers according to place value (line up the decimal points).
- Fill any empty places to the right of any numbers with place-holder zeros.
- Bring down the decimal point.
- Add/subtract as usual. Start at the lowest place.

$$826.9 - 31.475$$



YOUR TURN

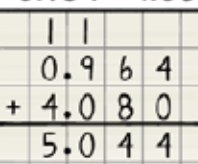
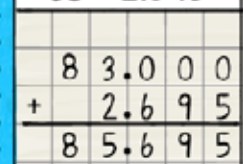
Follow the steps above to add and subtract the decimal numbers.

$$83 + 2.695$$

$$0.964 + 4.08$$

$$54 - 3.769$$

$$0.9284 - 0.65$$



GRADE 6

STEP-BY-STEP POWERPOINT

REVIEW: ADD and SUBTRACT DECIMALS 26



DECIMAL POINTS
When reading a decimal number greater than one, you say "and" at the decimal point.
"and"

STANDARD ALGORITHM

$$826.9 - 31.475$$



1. Place holder zeros!
2. Bring down the decimal point.
3. Add/subtract as usual.
Start at the lowest place.

YOUR TURN

Follow the steps above to add and subtract the decimal numbers.

$83 + 2.695$	$0.964 + 4.08$	$54 - 3.769$	$0.9284 - 0.65$
$\begin{array}{r} 83.000 \\ + 2.695 \\ \hline 85.695 \end{array}$	$\begin{array}{r} 0.964 \\ + 4.080 \\ \hline 5.044 \end{array}$	$\begin{array}{r} 54.000 \\ - 3.769 \\ \hline 50.231 \end{array}$	$\begin{array}{r} 0.9284 \\ - 0.6500 \\ \hline 0.2784 \end{array}$

MacBook Pro

REVIEW: ADD and SUBTRACT DECIMALS 26

Place Value
Thousands (1,000)
Hundreds (100)
Tens (10)
Ones (1)
Tenths (0.1)
Hundredths (0.01)
Thousandths (0.001)

When reading a decimal number greater than one, you say "and" at the decimal point.

DECIMAL POINT

The worth of a digit in a number: $(\text{Digit} \times \text{Place Value})$ $(8 \times 0.01 = 0.08)$

STANDARD ALGORITHM

1 Line up the numbers according to place value (line up the decimal points).

$93.4 + 158.607$

$826.9 - 314.75$

REVIEW: ADD and SUBTRACT DECIMALS 26

Place Value
Thousands (1,000)
Hundreds (100)
Tens (10)
Ones (1)
Tenths (0.1)
Hundredths (0.01)
Thousandths (0.001)

When reading a decimal number greater than one, you say "and" at the decimal point.

DECIMAL POINT

The worth of a digit in a number: $(\text{Digit} \times \text{Place Value})$ $(8 \times 0.01 = 0.08)$

STANDARD ALGORITHM

1 Line up the numbers according to place value (line up the decimal points).

$93.4 + 158.607$

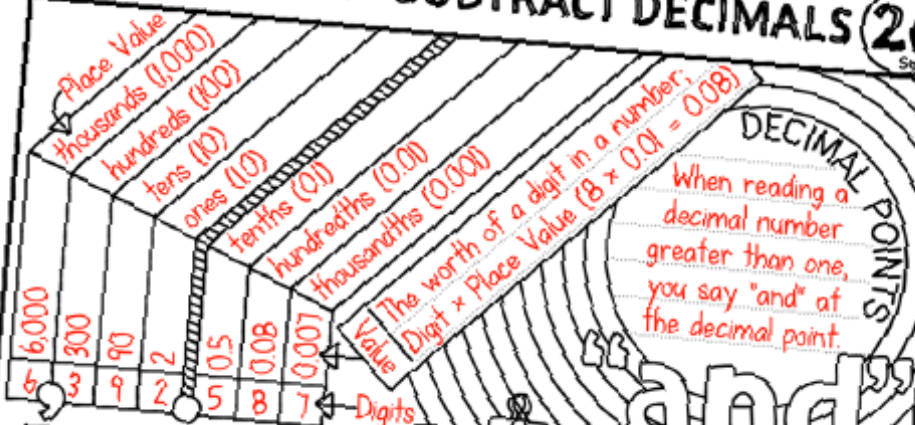
$826.9 - 314.75$

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



83.000	0.964	59.9	0.8084
+ 2.695	+ 4.080	- 3.769	- 0.6500
85.695	5.044	50.231	0.2184

REVIEW: ADD and SUBTRACT DECIMALS (26)



$$93.4 + 158.607$$

$$\begin{array}{r} 111.0 \\ 093.0400 \\ +158.607 \\ \hline 252.607 \end{array}$$

Line 'em up!

DETAILED ANSWER KEY

Bring down the decimal point.
Add/subtract as usual.
Start at the lowest place.

$$\begin{array}{r} 795.0425 \\ 11.0475 \\ \hline 806.0900 \end{array}$$

Line 'em up!

YOUR TURN

Follow the steps above to add and subtract the decimal numbers.

$$83 + 2.695$$

$$0.964 + 4.08$$

$$54 - 3.769$$

$$0.9284 - 0.65$$

$$\begin{array}{r} 83.000 \\ + 2.695 \\ \hline 85.695 \end{array}$$

$$\begin{array}{r} 0.964 \\ + 4.080 \\ \hline 5.044 \end{array}$$

$$\begin{array}{r} 54.000 \\ - 3.769 \\ \hline 50.231 \end{array}$$

$$\begin{array}{r} 0.9284 \\ - 0.6500 \\ \hline 0.2784 \end{array}$$

MATH SKETCH NOTES

MATH SKETCH NOTES

These 6th-grade math sketch notes (AKA doodle pages) are a powerful learning and teaching tool. They cover essential math concepts and procedures for students in a visually appealing way. You can use this resource to supplement any math curriculum, and they are perfect for previewing/pre-teaching or reviewing/reinforcing.

These sketch pages are like mini anchor charts that your students actively create and can be referred to in the future.

WHAT'S INCLUDED:

- Blank student note page
(two sizes: 8.5 x 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

Guiding your students through the note-taking process is so easy and requires almost zero preparation!

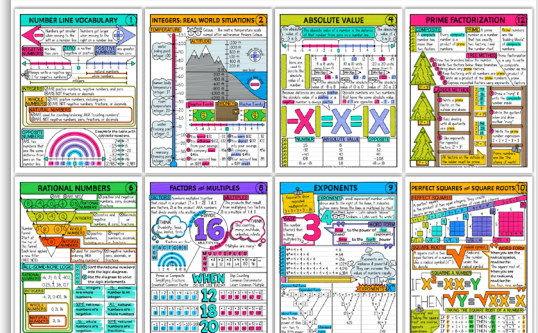
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

WHY SKETCH?

Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the content and leaves little room for distraction.

GET THE BUNDLE!!!

SIXTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE