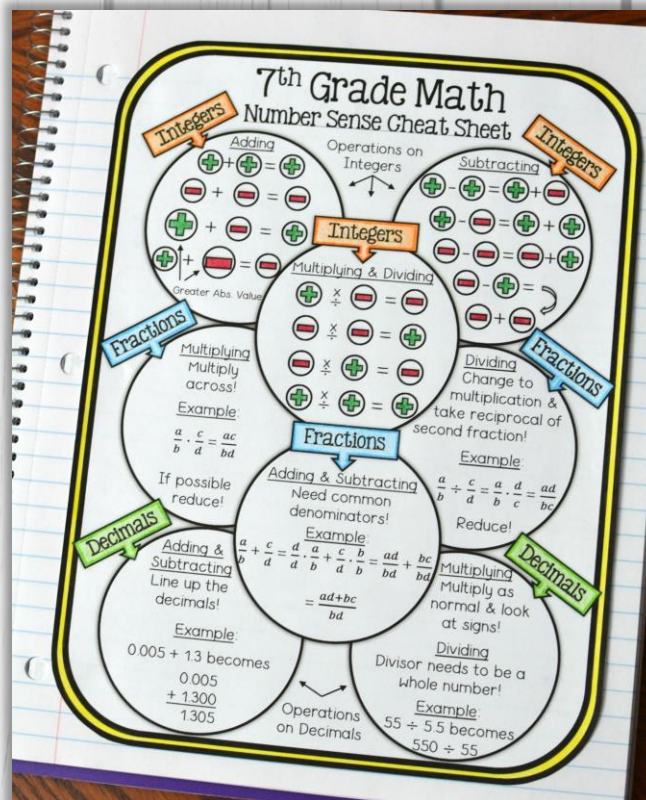


Cheat Sheet

7th Grade Math



Number Sense

Created By:

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Thank you!!!

Teacher Notes

- If you want to make a class set, I would recommend laminating the cheat sheet so that you can use it year after year.
- You could also decide to print a cheat sheet for each student and have them glue it into their interactive notebooks.
- If you give one to each student, you could have them color the cheat sheet (If time is limited, I would skip or have students color at home).

Please let me know if you have any questions about the cheat sheet!

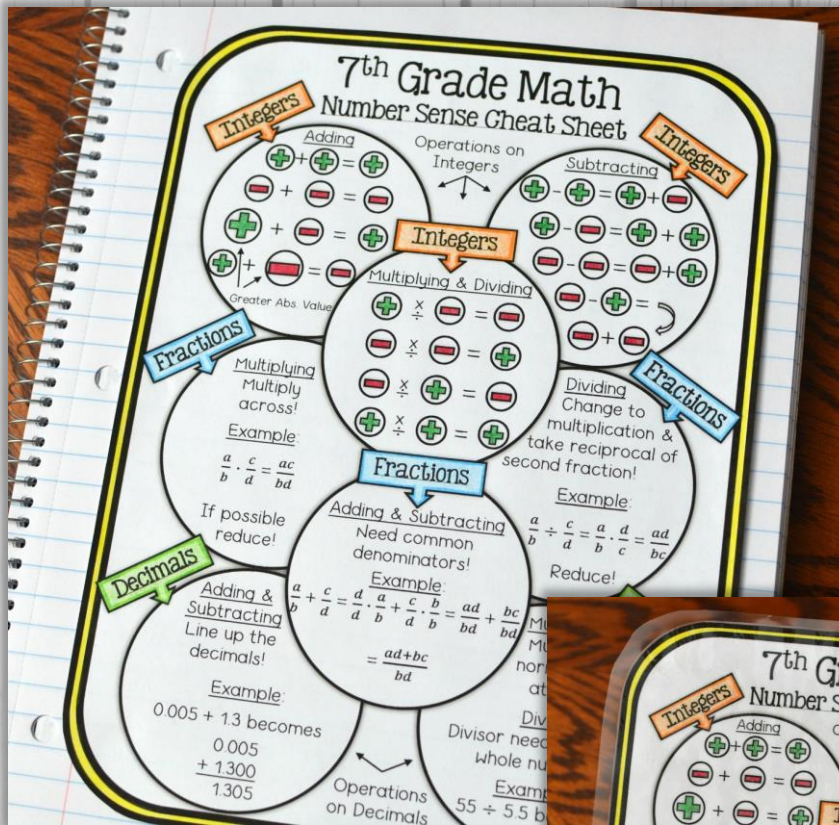
You can email me at
mathindemand@hotmail.com.



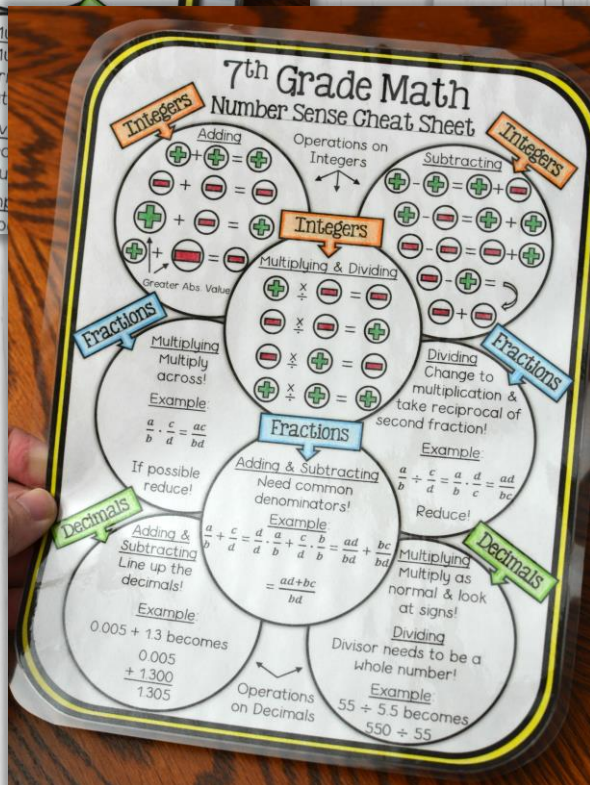
Math in Demand

A Few Options

Works
great
as a
cheat
sheet!



Glue in
notebooks
or
laminates!



7th Grade Math

Number Sense Cheat Sheet

Integers

Adding

$$\oplus + \oplus = \oplus$$

$$\ominus + \ominus = \ominus$$

$$\oplus + \ominus = \oplus$$

$$\oplus + \ominus = \ominus$$

Greater Abs. Value

Operations on
Integers

Integers

Subtracting

$$\oplus - \oplus = \oplus + \ominus$$

$$\oplus - \ominus = \oplus + \oplus$$

$$\ominus - \ominus = \ominus + \oplus$$

$$\ominus - \oplus = \ominus + \ominus$$

$$\ominus + \ominus = \ominus$$

Integers

Fractions

Multiplying

Multiply
across!

Example:

$$\frac{a}{b} \cdot \frac{c}{d} = \frac{ac}{bd}$$

If possible
reduce!

Multiplying & Dividing

$$\oplus \times \div \ominus = \ominus$$

$$\ominus \times \div \ominus = \oplus$$

$$\ominus \times \div \oplus = \ominus$$

$$\oplus \times \div \oplus = \oplus$$

Dividing

Change to
multiplication &
take reciprocal of
second fraction!

Example:

$$\frac{a}{b} \div \frac{c}{d} = \frac{a}{b} \cdot \frac{d}{c} = \frac{ad}{bc}$$

Reduce!

Fractions

Decimals

Adding &
Subtracting

Line up the
decimals!

Example:

0.005 + 1.3 becomes

$$\begin{array}{r} 0.005 \\ + 1.300 \\ \hline 1.305 \end{array}$$

Adding & Subtracting

Need common
denominators!

Example:

$$\frac{a}{b} + \frac{c}{d} = \frac{d}{d} \cdot \frac{a}{b} + \frac{c}{d} \cdot \frac{b}{b} = \frac{ad}{bd} + \frac{bc}{bd} = \frac{ad+bc}{bd}$$

Multiplying

Multiply as
normal & look
at signs!

Dividing

Divisor needs to be a
whole number!

Example:

$$55 \div 5.5 \text{ becomes } 550 \div 55$$

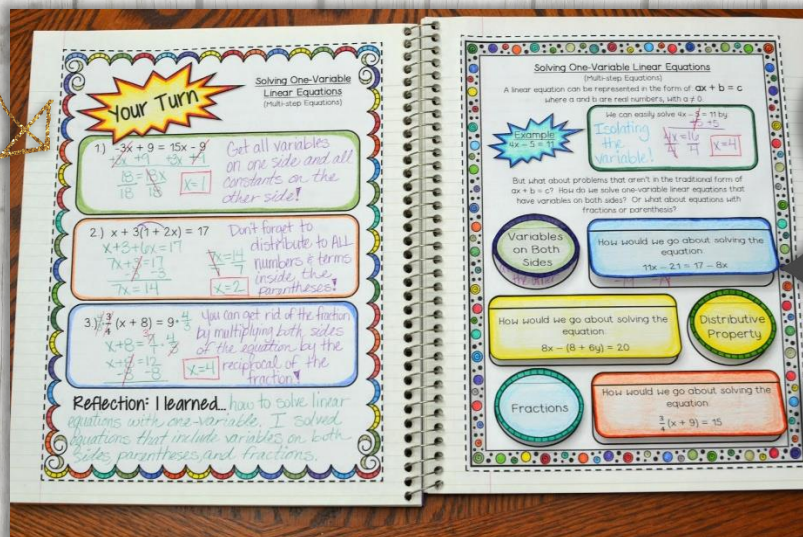
Operations
on Decimals

Decimals

If you like this cheat sheet then please check out my other resources!

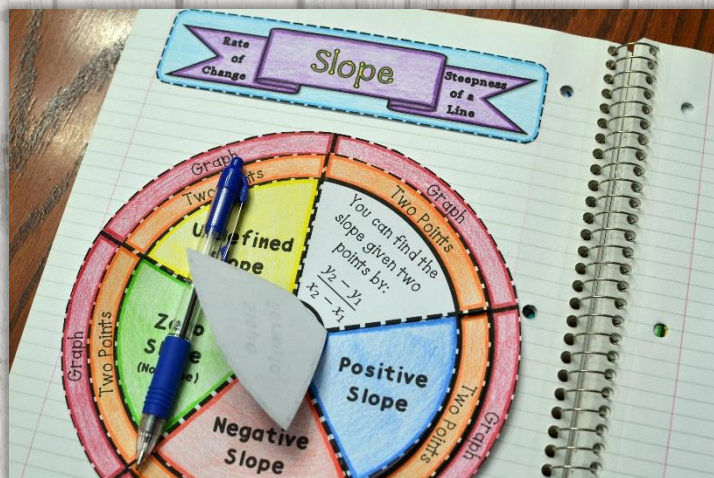
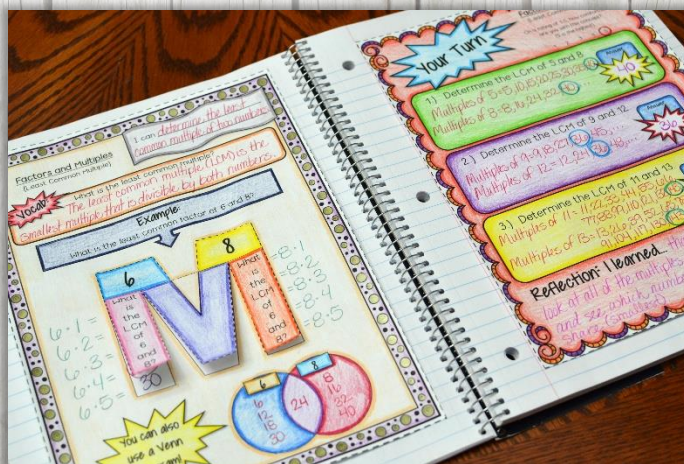
(Click on the pictures)

You'll love them!!!



Algebra Interactive Notebook

Pre-Algebra Interactive Notebook



Slope Wheel Foldable

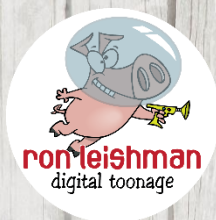
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