





INTEGER RULES REFERENCE SHEET

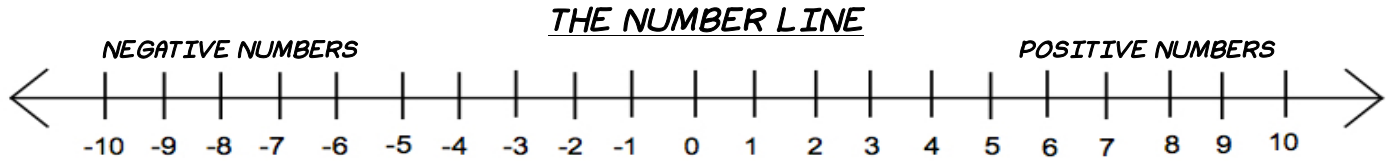


**TEACH
EASY**

**FREE ONE
PAGE INTEGER
RULES! GREAT
HOMEWORK
HELPER FOR
STUDENTS!**

INTEGER CHEAT SHEET

Integers- A set of positive and negative whole numbers. They can be represented on a number line.



Absolute Value- The distance a number is from zero on the number line. An absolute value is never negative. Examples: $|-5| = 5$ and $|5| = 5$

ADDING INTEGERS

SAME SIGN- Add and Keep the Sign!

Add the absolute value of the numbers and keep the same sign.

(positive) + (positive) = Positive

$$(+4) + (+5) = +9$$

(negative) + (negative) = Negative

$$(-4) + (-5) = -9$$

DIFFERENT SIGNS- Subtract and Keep the Sign of the Bigger Number!

Subtract the absolute value of the numbers and keep the sign of the bigger number.

$$(-4) + (+5) = +1$$

$$(+4) + (-5) = -1$$

SUBTRACTING INTEGERS

Do not subtract integers. You must change the signs:

"Add the Opposite"

KEEP- Keep the sign of the first number

CHANGE- Change the subtraction sign to addition

CHANGE- Change the sign of the second number to the opposite sign. If it is positive- change to negative. If it is negative- change to positive.

$$(+4) - (-4)$$

Keep change change
(+4) + (+4)

NOW USE THE RULES FOR ADDING:
SAME SIGN- Add absolute values and keep sign:

$$(+4) + (+4) = 8$$

MULTPLYING INTEGERS

SAME SIGNS- POSITIVE

Multiply the numbers. Answer will be positive.

$$(-5) \times (-5) = +25$$

DIFFERENT SIGNS- NEGATIVE

Multiply the numbers. Answer will be negative

$$(+5) \times (-5) = -25$$

DIVIDING INTEGERS

SAME SIGNS- POSITIVE

Divide the numbers. Answer will be positive.

$$(-5) \div (-5) = +1$$

DIFFERENT SIGNS- NEGATIVE

Divide the numbers. Answer will be negative

$$(+5) \div (-5) = -1$$

Thank You!

Thank you for downloading my product! I hope that you are satisfied with your purchase. I am grateful for any feedback you give to me about this product! If you have any questions or concerns, please do not hesitate to email me at mhale@me.com.

Copyright

Copyright © 2014 Shemiah Hale
Copyright © 2014 Teach Easy
All Rights Reserved by Author
Permission to copy for single
classroom use only. Electronic
Distribution limited
to single classroom use only.
Not for public display

Follow Me!

CLICK ON THE LINKS BELOW FOR MORE
PRODUCTS! FOLLOW ME AND RECEIVE INSTANT
NOTIFICATION OF SALES AND NEW PRODUCTS!

[Shop my TPT Store!](#)

[Follow me on Pinterest!](#)

[Like My Facebook Page!](#)

[Shop my Teachers Notebook Store!](#)

[Email me!](#)

See Some of My Other Products

EXPONENTS
INTEGERS
MORE INTEGERS
ORDER OF OPERATIONS
PERCENTS
SCIENTIFIC NOTATION
FRACTIONS TASK CARDS

Credits

Credits: I typically use the following artists for my graphics and fonts:

