Integer Operations

Adding Integers

SAME SIGNS

Add and keep the sign.

Positive + Positive = Positive

Negative + Negative = Negative

DIFFERENT SIGNS

Subtract and keep the sign of the bigger number.

Subtracting Integers

Do not subtract integers.

Add the opposite!

KEEP—CHANGE—CHANGE

KEEP the sign of the first number.

CHANGE the subtraction sign to addition.

CHANGE the sign of the second number to the opposite sign.

Use the rules for adding integers.

Multiplying Integers

SAME SIGNS = Positive

DIFFERENT SIGNS = Negative

Dividing Integers

SAME SIGNS = Positive

DIFFERENT SIGNS = Negative