Integer rules

You can use these to make flashcards to help you remember the rules

Addition

Same sign—keep and add

Different signs subtract, keep the sign of the bigger (whole) number than you'll be exact.

Subtraction

You will turn it into an addition.

Keep the first sign

Change the second sign

Change the third sign

Then you follow the addition rules.

Multiplication

$(+) \times (+) = +$

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

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

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

Division

$(+) / (+) = +$

$(-) / (-) = +$

$(+) / (-) = -$

$(-) / (+) = -$