

INTEGER RULES

SUBTRACTING:

1. Change to adding the opposite
2. Follow the Adding Rules

ADDING RULES:

Same Signs:

1. Add the numbers
2. Keep the Sign

Different Signs:

1. Subtract the Absolute Value
2. Use the Sign from the Bigger Value

MULTIPLICATION:

Positive x Positive = Positive	$+$ \bullet $+$ $=$ $+$
Positive x Negative = Negative	$+$ \bullet $-$ $=$ $-$
Negative x Positive = Negative	$-$ \bullet $+$ $=$ $-$
Negative x Negative = Positive	$-$ \bullet $-$ $=$ $+$

DIVISION:

Positive \div Positive = Positive	$+$ \div $+$ $=$ $+$
Positive \div Negative = Negative	$+$ \div $-$ $=$ $-$
Negative \div Positive = Negative	$-$ \div $+$ $=$ $-$
Negative \div Negative = Positive	$-$ \div $-$ $=$ $+$