# INTERGERS

## adding

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$-5 + 3$

The rule is: keep the sign of the bigger absolute value and subtract

$|-5| > |3|$

negitive

So you know your answer is negitive, next subtract! → $\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$

So the answer is: $-2$

## subtracting

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$-6-4$

The rule is: When subtracting with opposite signs, keep the sign of the bigger absolute value and add

$|-6| > 4$

negitive

So you know your answer is negitive, so now you add! → $\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$

So the answer is: $-10$

## multiplying

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$3 \times -4$

The rule is: when multiplying opposite signs, the product will be negitive

Multiply like normal: $3 \times 4 = 12$

You know your answer is negitive, so the answer is: $-12$

## dividing

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$-18 \div 6$

The rule is: when dividing with diffrent signs, the product will be negitive

Divide like normal: $18 \div 6 = 3$

You know the answer is negitive, so the answer is: $-3$