QUICK TIP!

Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

—— USING VARIABLES ——

A variable is a symbol (usually a letter) that represents an unknown value.

Variables allow you to write a single expression that can be used with a bunch of different inputs.

By replacing the variables with different numbers, we can get different answers!

Expression: $X + 3$

$X = 0$: $0 + 3 = 3$
$X = 1$: $1 + 3 = 4$
$X = 2$: $2 + 3 = 5$

Expression: $5 \times A + B$

$A=0, B=0$: $5 \times 0 + 0 = 0$
$A=1, B=1$: $5 \times 1 + 1 = 6$
$A=2, B=4$: $5 \times 2 + 4 = 14$

—— TRY IT! ——

Solve the expressions below by replacing the variables with the specified values.

Expression: $3 \times V + 4$

$V = 3$: _____

$V = 4$: _____

$V = 5$: _____

Expression: $2 \times Q + 2 \times P$

$Q = 1, P = 1$: _____

$Q = 1, P = 3$: _____

$Q = 3, P = 2$: _____

Expression: $C \div 3$

$C = 0$: _____

$C = 3$: _____

$C = 5$: _____

Expression: $\dfrac{1}{X}$

$X = 1$: _____

$X = 2$: _____

$X = 100$: _____

MATH MADNESS!

Grade **5**