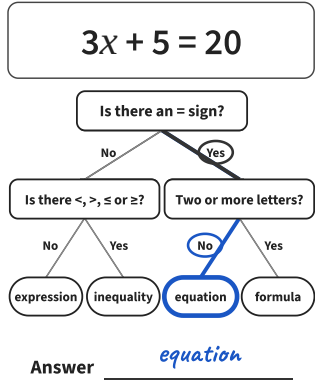


Expression, Equation, Formula or Inequality?

ANSWERS

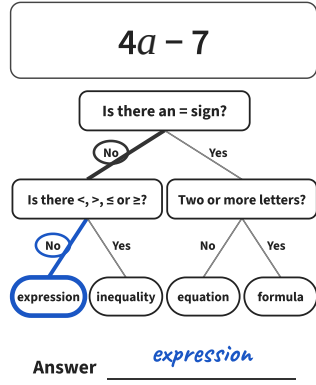
1

Circle Yes or No at each step.



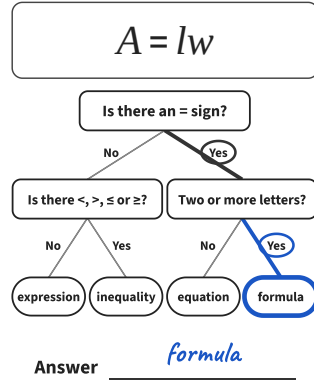
2

Circle Yes or No at each step.



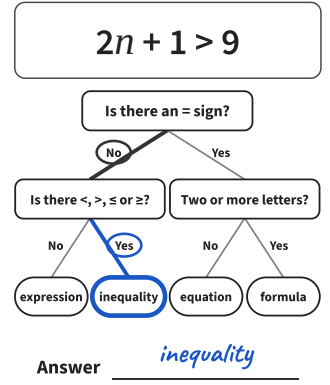
3

Circle Yes or No at each step.



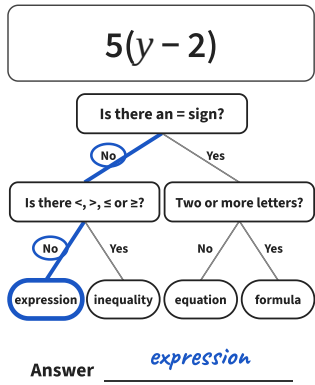
4

Circle Yes or No at each step.



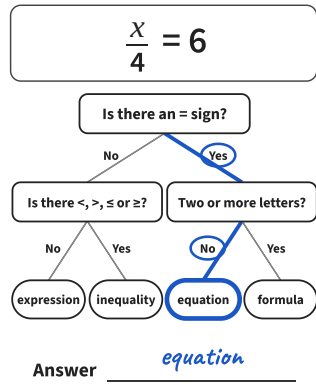
5

Circle Yes or No at each step.



6

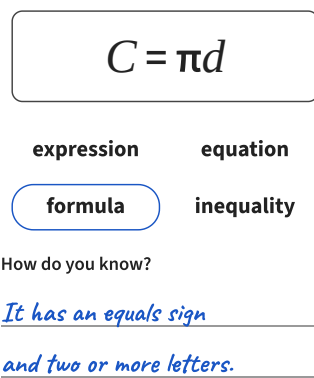
Circle Yes or No at each step.



7

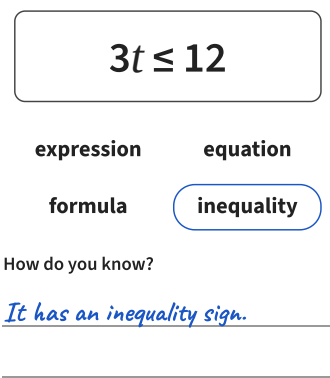
Notice the change!

Circle the correct word.



8

Circle the correct word.



Expression, Equation, Formula or Inequality?

further practice

ANSWERS

9

Write expression, equation, formula or inequality for each one.

$7k - 2$ expression

$3m = 18$ equation

$V = lwh$ formula

$5 < 2x$ inequality

10

Which is the odd one out? Explain.

$2x + 5 = 11$ $3y = 12$

$A = l^2$ $7 - a = 2$

a formula; the rest are equations

Answer $A = l^2$

11

A lift can carry at most 8 people.
 p is the number of people in the lift.
Which of these shows this?

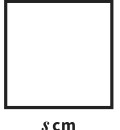
$p < 8$ **$p \leq 8$** $p > 8$ $p \geq 8$

at most 8 means 8 or fewer

Answer $p \leq 8$

12

A square has sides of s cm.
Write a formula for its perimeter
 P cm.



$s + s + s + s$

Answer $P = 4s$

13

Ravi thinks of a number, n .
He multiplies it by 3 and then adds 4.
His answer is 19.
Write this using algebra. Is it an
expression, equation, formula
or inequality?

Algebra $3n + 4 = 19$

It is equation

14

Tickets cost £6 each.
Write an expression for the cost, in
pounds, of t tickets. Then write a
formula for the cost C pounds of
 t tickets.

Expression $6t$

Formula $C = 6t$

15

A shelf can hold at most 30 kg. A 4 kg
printer is on the shelf. Each box of
paper weighs 2 kg. Write an inequality
for the number of boxes, b , that can
go on the shelf as well.

the boxes and the printer: $2b + 4$

Answer $2b + 4 \leq 30$

16

Zara says $8 - 3w$ is an equation
because it has a letter in it.
Is Zara right? Explain.

it has no = sign, so it is an expression

Answer No