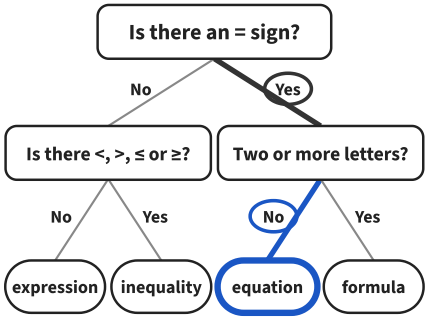
Expression, equation, formula or inequality?

ANSWERS

1

Circle Yes or No at each step.

$$6k + 1 = 25$$

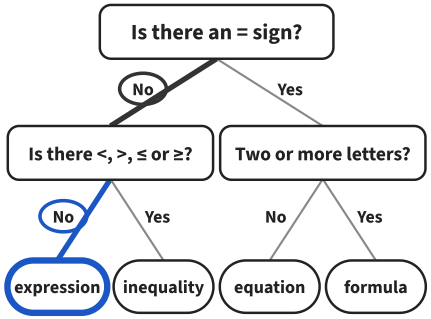


Answer: equation

2

Circle Yes or No at each step.

$$9 - 2a$$

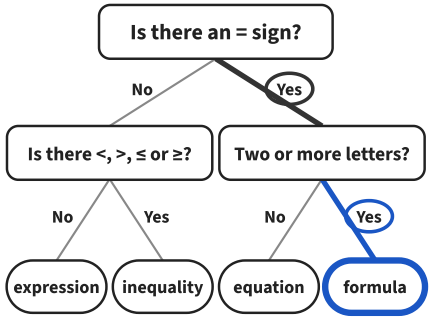


Answer: expression

3

Circle Yes or No at each step.

$$T = 4m + 3$$

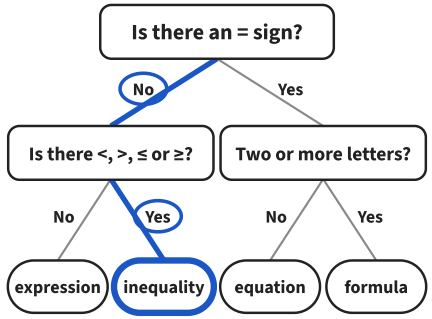


Answer: formula

4

Circle Yes or No at each step.

$$3p - 2 \geq 10$$

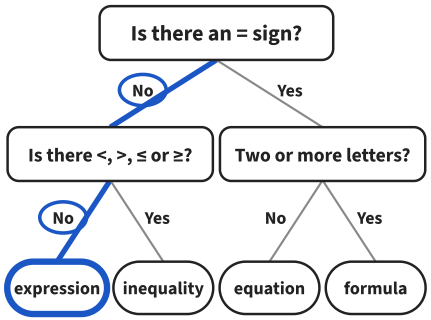


Answer: inequality

5

Circle Yes or No at each step.

$$8(h + 1)$$

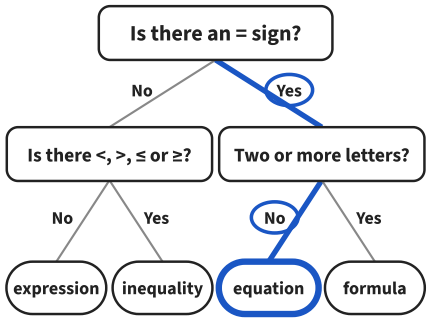


Answer: expression

6

Circle Yes or No at each step.

$$4y + 1 = y + 13$$



Answer: equation

7 *Notice the change!*

Circle the correct word.

$$A = \frac{bh}{2}$$

expression equation

formula inequality

How do you know?

It has an equals sign and two or more letters.

8

Circle the correct word.

$$15 > 2c + 1$$

expression equation

formula **inequality**

How do you know?

It has an inequality sign.

Expression, equation, formula or inequality? *further practice*

ANSWERS

9

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

$2r + 9 = 21$	equation
$11 \leq 4f$	inequality
$6g - h$	expression
$W = 3v$	formula

10

Circle each equation.

$7c = 35$	$P = 3l$
$3z + 2$	$5 = 2q - 1$

11

To go on a ride you must be at least 120 cm tall. Write an inequality for a height of h cm that is allowed on the ride.

at least 120 means 120 or more

Answer $h \geq 120$

12

A taxi costs £3 to start, then £2 for each mile. Write a formula for the cost C pounds of a journey of m miles.

£2 for each mile, then add the £3

Answer $C = 2m + 3$

13

Mia buys 4 pens. Each pen costs p pence. She pays 92p altogether.
Write an equation, then solve it to find the cost of one pen.

Equation $4p = 92$

$p =$ 23

14

Use the expression $5x - 2$ to write an equation, an inequality and a formula.

Equation e.g. $5x - 2 = 13$

Inequality e.g. $5x - 2 > 13$

Formula e.g. $y = 5x - 2$

15

Sam says $4y - 1 = y + 8$ is a formula because it has two letters.
Is Sam right? Explain.

only one letter, y, written twice

so it is an equation ($y = 3$)

Answer No

16

Tom says $3k + 2 \geq 20$ is an equation because the sign has a line like an equals sign. Is Tom right? Explain.

$\geq$ is an inequality sign:

greater than or equal to

Answer No, an inequality