

Name: Class:

Does (x,y) satisfy an equation?

 Does the point (1,6) satisfy the equation below? *(tick the correct answer).*

$$y = \frac{6}{x}$$

 yes no

 Does the point (3,5) satisfy the equation below? *(tick the correct answer).*

$$y = 2x$$

 yes no

 Is (83,80) a solution to the equation below? *(tick the correct answer).*

$$y = x$$

 yes no

 Is (19,11) a solution to the equation below? *(tick the correct answer).*

$$y = x + 7$$

 yes no

 Is (6,9) a solution to the equation below? *(tick the correct answer).*

$$y = x + 3$$

 yes no

 Does the point (5,30) satisfy the equation below? *(tick the correct answer).*

$$y = 6x$$

 yes no

 Does the point (0,30) satisfy the equation below? *(tick the correct answer).*

$$y = 30$$

 yes no

Name: Class:

Does (x,y) satisfy an equation?

Does the point (1,6) satisfy the equation below? (tick the correct answer).

$$y = \frac{6}{x}$$

x value = 1 and y value = 6

Substitute these values into the equation.

$$y = \frac{6}{x} \rightarrow 6 = \frac{6}{1}$$

$$6 = 6$$

yes no

Does the point (3,5) satisfy the equation below? (tick the correct answer).

$$y = 2x$$

yes no

Is (83,80) a solution to the equation below? (tick the correct answer).

$$y = x$$

yes no

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Does the point (5,30) satisfy the equation below? (tick the correct answer).

$$y = 6x$$

yes no

Does the point (0,30) satisfy the equation below? (tick the correct answer).

$$y = 30$$

yes no