

Name: **ANSWERS!**

Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



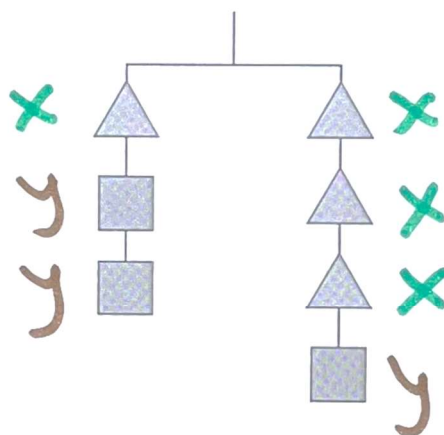
Collaboration

Question 01

Write an equation for the hanger balance below with:

- each triangle as  $x$
- each square as  $y$

$\Delta = x$   
 $\square = y$



$$x + 2y = 3x + y$$

or

$$y = 2x$$

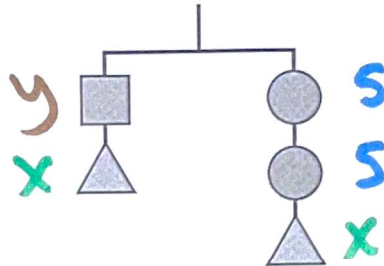
Can remove "x" and "y" from both sides!

Question 02

Write an equation for the hanger balance below with:

- each triangle as  $x$
- each square as  $y$
- each circle as having the value of 5

$\Delta = x$   
 $\square = y$   
 $\circ = 5$



$$x + y = 5 + 5 + x$$

OR

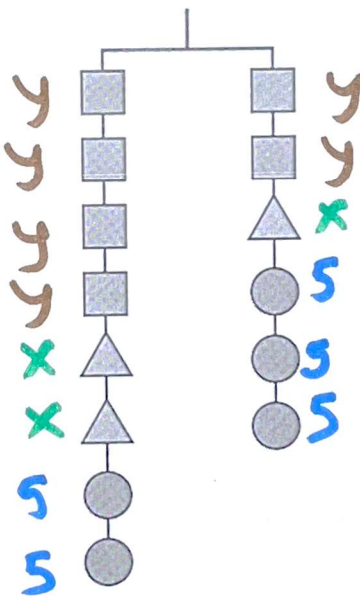
$$y = 10$$

Question 03

Write an equation for the hanger balance below with:

- each triangle as  $x$
- each square as  $y$
- each circle as having the value of 5

$\Delta = x$   
 $\square = y$   
 $\circ = 5$



$$4y + 2x + 10 = 2y + x + 15$$

OR

$$2y + x = 5$$