This task is about using algebraic equations.





a) A triceratops weighed four times as much as a stegosaurus. Together they weighed 15 tonnes. Here is an equation describing their total weight.

$$x + 4x = 15$$

i) What does the \boldsymbol{x} in the equation stand for?

The weight of the triceratops.	O The weight of the stegosaurus.
O The number of dinosaurs.	O The total weight of the two dinosaurs.
The difference in weight between the two dinosaurs.	

ii) What is the weight of the stegosaurus?

O 1 tonne	3 tonnes	4 tonnes	O 12 tonnes	O 15 tonnes	
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A brontosaurus weighed 3 times as much as a triceratops. Together they weighed 48 tonnes. The equation shows their total weight.

$$y+$$
 ? $y=48$

To complete the equation correctly, what number should be in the box above?

0 1 0 2 0 3 0 4 0 8	

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