

L/Objective : Adding and subtracting algebraic expressions

1. Use the rules of algebra to **simplify** the following expressions

(a) $3a + 5a + 10a = \dots\dots\dots$ (c) $3m + 5 + 2m + 6 = \dots\dots\dots$

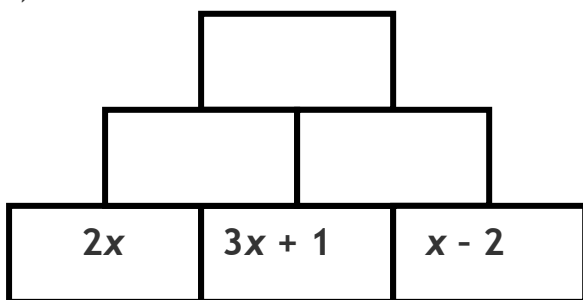
(b) $14y - 5y = \dots\dots\dots$ (d) $5p - 3 + 4p - 2 = \dots\dots\dots$

2. The next box in this diagram is found by adding together the **two previous boxes**. Complete all the boxes.

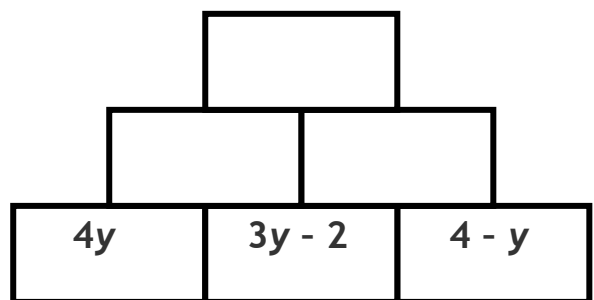
a	$a + b$	$2a + b$					
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3. Complete the pyramid diagrams. Each brick is found by adding the two bricks directly below it.

(a)



(b)



(c)

