

ALGEBRA ADDITIVES PROBS

Complete the table.

①

$3x$	33
x	11
$2c - 3$	17
c	10
$c - a$	3
a	7
$a + b$	12
b	5
$c + b$	15

$10 - 7 = 3$

$7 + b = 12$

$2c - 3 = 17$

$2c = 20$

$c = 10$

[4]

②

The coordinates of each of the points (2, 10), (3, 15) and (4, 20) satisfy a rule.

- (i) The point (10, y) satisfies the same rule.
Find the value of y.

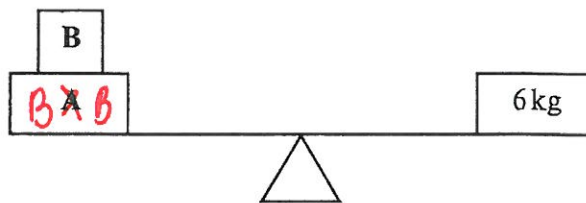
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- (ii) The point (x, 100) satisfies the same rule.
Find the value of x.

20

[2]

③



The packages A and B together weigh 6 kg.
Package A is twice as heavy as package B.
Find the weight of package A and find the weight of package B.

$3B = 6$

$B = 2 \text{ kg}$

$A = 4 \text{ kg}$

Weight of package A = 4 kg Weight of package B = 2 kg

[3]