

# Block 4 Revision Test Answers.

1)  $11 - 10x$

Calc: 9, 13b), 15

2)  $11/30$

3) 46

4) a)  $6 \frac{3}{7}$     b) 6    c) ~~6~~    d) 3

5) ~~7~~ - 10

6 a) Protein = 12kg, Carbohydrate = 15kg.

b) 7.5kg

7/  $x = -6$

8/  $1/2$

9/  $176.71 \text{ cm}^2$

10/  $m \leq 3$

11/ a)  $27 \text{ m}^2$     b) ~~540~~

12/ a) -5, -3, -1, 1, 3, 5

b) 1, 4, 9, 16, 25, 36, 49

c) 24, 12, 6, 3, 1.5, 0.75

13/ a)  $960 \text{ cm}^3$     b)  $2261.95 \text{ cm}^3$

14/ 2

23/ a) H 1 2 3 4 10

15/  $3.34 \text{ cm}$

M 5 9 13 17 44

16/ ~~8600~~ <sup>13000</sup>  $\text{cm}^2$

b)  $M = 4H + 4$

17/ 11

18/ a)  $3n + 2$     b) 98

24/ a) ~~300~~ 300 L

19/ 640

b) ~~60~~ 60 L

20/ 4

21/  $1365 \text{ m}^3$

25/  $186.57 \text{ cm}^2$

22/ ~~298~~ 6