

## Perse Maths – Year 7 Entrance Exam - Specimen Paper 4 – Example Answers

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Please note that the school cannot enter into any correspondence regarding these example answers or clarify questions/acceptable solutions further. It is important that full working is shown with solutions because many marks are awarded for that working and in some cases more than one answer will be accepted for some problems.

1. 401

2.

a.  $31\frac{1}{12}$

b.  $30\frac{1}{3}$

3. 2.816 Kg

4. C

5.

a.  $30\text{ cm}^3$

b. *For example:* 12 cm, 2 cm, 3 cm

7.

a. 16

b. 2

c. 1

d. 16

8.  $\frac{7}{12}$

9.

a. 333

b. 1249

c. 107.12

d. 4.32

10. 150

11. B

12. 47, 53, 59 (*any two of these*)

14. £5.36

15.

a.  $\frac{5}{9}$

b.  $\frac{1}{3}$

c.  $\frac{4}{9}$

d.  $\frac{2}{3}$

16.

a. 89

b. 6.764 (*with a  $\times$  not  $\div$  sign*)

17.

a. 2hrs 10mins

b. 11:05 am

c. 6 kg

18. £13

19. 130

20.

a. *75kg*

b. Although the fraction of Tosco's Gloucester sales is higher, the overall total of choose sold is significantly smaller. As such Tosco have sold ~50kg of Gloucester to Sunbury's amount of ~65kg

21.

a. 47

b. 9

c. 7