

Perse Maths – Year 7 Entrance Exam - Specimen Paper 2 – Example Answers

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. 63401
2. 70,5
3. 8
4. 2500
5.
 - a) 8767
 - b) 674
 - c) 584
6. (3,6) and (6,0)
7. D
8. $\frac{1}{4}$
9.
 - a) 9
 - b) 9,12,15
 - c) 10,12,15
10.
$$5^2 + 11 = 36$$
$$6^2 + 13 = 49$$
11. 39
12. -6°C
13. 35
14.
 - a) £26.40
 - b) £13.60
 - c) 1 hour 40 minutes
15. £2.08
16. No (1330 is not divisible by 30 with some explanation or alternative rationale regarding 1320 being the nearest multiple of 30.)
17. Alan's
18. 4
19. In order from top/left: 0.25, 25%, $\frac{1}{10}$, 0.1, $\frac{17}{20}$, 85%
20.
 - a) D marked in above C and to the right of A with lines added
 - b) 40cm
 - c) 48 cm^2
21. 568
22. 20% of 25 (with working shown)
23. 8 written in each box
24.
 - a) $10\frac{5}{6}$
 - b) 5.78
25. 161