St. Francis' College Practice Entrance Examination for entry into Year 7 – Answers

1. 1725
2. 249
3. 104
4. 9165
5. 23
6. 47
7. a) 5 b) 8 c) 52
8. Rhombus Kite Octagon
9. a) 3/4 b) 2/3
10. a) 7 cm b) 4000 g c) 3000 ml
11. 35^0c
12. a) 2.34 2.4 2.43 3.42 4.3

    b) 2/5 0.467 48% 1/2 0.55
13. a) 17 b) 16 c) 3/4
14. a) OBTUSE

    b) an angle greater than 90^0 but less than 180^0.
15. a) 96 192

    b) 43 37
16. a) 1 , 24 2 , 12 3 , 8 4 , 6

    b) 7 14 21 28

    c) 9

    d) 11
17. a) 5 b) 9

18. 33, 600

19. £2.60

20. 6.7 goals

21. a) 7290 b) 7300 c) 7000

22. 65p

23. a) 45^0 b) 96^0 c) f = 73^0 g = 107^0

24. a) 2 lines of symmetry b) 3 lines of symmetry

25. a) £8.30 b) 33 kg c) £156

26. Area 63m^2 Perimeter 32 m

27. 30 cm^2

28. a) 7 / 18 b) 1/3 c) 13/18

29. a) 18 b) 29

30. 6

31. 8

32. a) 1/4 b) 15 c) 36

33. a) 10:53 b) 13 mins c) 2 hours 31 mins

34. 96 g

35. 23

36. 116.5 cm

37. 103

38. 5 numbers (1, 2, 3, 11 and 17)