

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) $\frac{3}{4}$ b) $\frac{2}{3}$

10. a) 7 cm b) 4000 g c) 3000 ml

11. 35°C

12. a) 2.34 2.4 2.43 3.42 4.3

 b) $\frac{2}{5}$ 0.467 48% $\frac{1}{2}$ 0.55

13. a) 17 b) 16 c) $\frac{3}{4}$

14. a) OBTUSE

 b) an angle greater than 90° but less than 180° .

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° b) 96° c) $f = 73^{\circ}$ $g = 107^{\circ}$
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)