

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) 45^0 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)