

HSCP Maths Mash-up #3

Solutions

1. 2
2. 127
3. 16
4. 0.06 (6/100)
5. 0 (none)
6. 9
7. E
8. [1|2],
[1|3],
[1|5]
9. 12
10. 25/57 (~0.439)
11. 6
12. count=12
length= $\sqrt{2}$
13. 16 October
(or 15 Oct if leap year)
(288 days)
14. 48
15. 8
16. PS=2
PR= $\sqrt{3}$
17. 2
18. 1600
19. 35
20. 21/4 (5.25)