

# DKC<sup>3</sup> 2020 - Word Problems – Answer Sheet

(Each word problem is worth 5 points)

1. Eve
2. 1.21%
3. Acrobat  
Crochet  
Capricorn  
Cardboard
4. Lying Hacker = C  
Truthful Hacker = D
5. 21
6. 1 (Once)
7. 17
8. Oak = 10  
Maple = 5
9. 45
10. The planes will be the same distance from Tokyo.
11. Alone
12. 21
13. 101606400 or  $10080^2$
14. 2925
15. The numbers are alphabetized.
16. Row 1: 19  
Row 2: 12, 2, 17  
Row 3: 10, 1, 18  
Row 4: 13, 6, 11  
Row 5: 14, 9
17. 2000
18. 2519
19.  $27 * 3 = 81$   
 $6 * 9 = 54$
20. 85
21. W: Group 1  
X: Group 1  
Y: Group 3  
Z: Group 1
22. 77
23. 20
24. 10
25. -3